

제 62 호

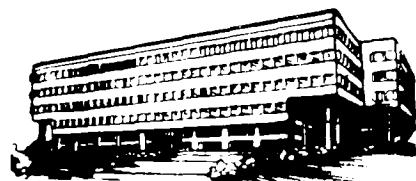
서 울 대 학 교  
SEOUL NATIONAL UNIVERSITY

86년 6월 7일



# 도서관소식

## LIBRARY NEWSLETTER



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## ○ 本校 教授著書 寄贈

大學	著者	書名	出版社	發行年	寄贈日
農大	金貴坤	Energy flow and conservation in urban systems	Unesco	1986	4.22
社會大	金環東	社會調查研究方法	博英社	1986	5.1
行政 大學院	金雲泰	韓國現代政治史 第2卷； 第一共和國	成文閣	1986	5.2
工大	李樂周	大學實驗實習設備適正基準試案(I), (II) 研究	서울大	1986	5.9
經營大	郭秀一	生產管理論	英志文化社	1986	5.14

## ○ 本校 出版部 圖書寄贈

著者	書名	發行年	冊數
李廷玟	言語理論과 現代科學思想	1986	2
李春寧	韓國의 물레방아	1986	2
金相溶	高分子物理學	1986	2
韓相福	經濟人口學	1986	2
허창운	현대 문예학 개론	1986	2
李賢宰	經濟發展論	1986	2
高柄翊	아시아의 歷史像	1986	2
柳岸津	韓國의 傳統育兒方式	1986	2

## ○ 韓國圖書館賞 受賞

本 圖書館 參考書誌課 黃忠吉 司書는 1965 년부터 20 년동안 圖書館  
發展에 기여한 功勞를 인정받아 1986 년 5 월 23 일 韓國圖書館協會  
제 18 회 정기총회에서 韓國圖書館賞 奉仕賞을 受賞하였다.

## ○ 圖書館 來訪

5. 2 日本 東京都立大學 田村紀之 교수 외 4 명

5.19 남아프리카공화국 M.R. Phillips 교수 외 2 명

# 新 着 圖 書 目 錄

## (自然科學篇)

### 東 洋 書

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000 總 類

001.5  
H193s 산업사회에서 정보사회로 / [한국전자통신연구소 편]. - [서울] : 한국전자통신연구소, 1985. - 8, 218 p. ; 삼도 ; 21 cm. - (정보화사회시리즈 ; 1)

001.5  
J466 고도정보사회로의 초대. - 서울 : 한국전자통신연구소, 1985. - 142 p. ; 삼도 ; 21 cm. - (정보화사회시리즈 ; 2)

001.5  
J466 21세기의 정보통신산업. - 서울 : 한국전자통신연구소, 1985. - 122 p. ; 삼도 ; 21 cm. - (정보화사회시리즈 ; 3)

R  
001.642  
H193j (전산프로그램편집, 1985)  
1985 電算프로그램便覽, 1985 / 韓國情報産業  
協会. - 서울 : 同協会, 1985.  
747 p. ; 삼도 ; 26 cm.

010  
Si41h (한국일서연구)  
(日本伝存)韓國逸書研究 / 沈曉俊 著. -  
서울 : 一志社, 1985. - 366 p. ; 22 cm

R  
013.3782  
G9985gX  
1980/84 경희대학교 학위논문초록집 : 색인집 1980-1984 = Kyung Hee University abstracts of dissertations / 경희대학교중앙도서관 편. - 서울 : 경희대학교, 1985. - 329 p. ; 27 cm

R  
015.51  
H123c (학술총람)  
v.30 學術總覽 / 學術院 · 第 30 輯 · - 서울 : 同院, 1985.  
864 p. ; 26 cm

내용 : 第 30 輯 · 医学篇 (VII) 1965-1968 ·

R  
016.30143  
Un2c 청소년관계 문헌목록집 : 1945-1984  
/ [유네스코한국위원회 편]. - [서울] : 유네스코한국위원회, 1985. - 495 p. ; 27 cm

R  
016.385  
G999g  
198- (교통안전도서자료목록지)  
交通安全圖書資料目錄集 / [交通安全振興公團 편]. 198- · - [서울] : 交通安全振興公團, 198- 책 ; 26 cm

R  
017.92  
G994j  
v.1 (장서목록)  
藏書目錄 : 1982-1984 / 光州市立無等圖書館 編. 1 : 一般圖書. - 광주 : 光州市立無等圖書館, 1985. - 614 p. ; 27 cm

R  
017.92  
Se67j  
v.4- (서울특별시립도서관종합목록)  
서울特別市立圖書館綜合目錄 / 서울特別  
市立正諱圖書館 · 4- · 서울 : 正諱  
圖書館, 1985- 책 ; 27 cm

R  
017.97  
G939jj  
1985(1) (장서목록)  
藏書目錄 / 国防大学院圖書館 編. 政治·社會  
篇(1). - 서울 : 国防大学院, 1985.  
5. - 859 p. ; 27 cm

R  
017.97  
G9985jd  
1985 (장서목록)  
(慶熙大學校) 藏書目錄 : 東洋書篇 / 「경희  
대학교중앙도서관 편」. - 서울 : 慶熙大  
學校中央圖書館, 1985. - 139 p. ; 27 cm

R  
017.97  
T259zy  
1983/84 Tenri Daigaku. Toshokan.  
(Zōka tosho mokuroku)  
增加圖書目錄 : 洋書之部 / 天理大学付属  
天理圖書館 · - 天理 : 同館, 1985.  
1191 p. ; 25 cm.

Contents: 1983-1984 年度

025.3  
G9395h  
1985 한국문학자동화목록법기술규칙 : 단행본용 =  
Korean machine readable  
cataloging rules descriptive  
cataloging / 국립중앙도서  
관전산실 편. - 예비노트 보안판. - 서울 :  
국립중앙도서관, 1985. - 192 p. ; 27 cm. - (도서  
관업무전산화 = Library automation  
series ; 10)

041  
J461m (문시늘전석재총장고희기념논총)  
문시늘全碩在總長古稀記念論叢 / 문시늘全碩在總  
長古稀記念論叢刊行委員會 編. - 대구 : 晓  
星女子大學校出版部, 1985. - 805 p. ; 초상화, 도판 ; 26 cm

070  
Se65 (성고언론논문집)  
省谷言論論文集 / 省谷言論文化財團 編. -  
서울 : 省谷言論文化財團, 1985. - 993 p. ; 초상화, 도판 ; 27 cm

- 070.410951  
 Sa11j (한국신문총합사설선집)  
 v.1-2 韓國新聞綜合社說選集 / 四. 七言論人會. 1  
 - 2. - 韓國新聞綜合社說選集 / 四. 七言  
 論人會 編纂. 1 - 2. - 서울 : 東亞  
 ; 1985. -  
 2책. ; 26cm  
 관제 : 言論人이 엮은 時代의 謂言
- 071  
 J954j (중앙일보20년사)  
 1985 中央日報二十年史 / 中央日報. 東洋放送社史編纂  
 委員會 編. - 서울 : 中央日報社 . 19  
 85. -  
 1163p. ; 삽도, 초상화 ; 29cm  
 관찰부록으로 東洋放送十七年史가 있음
- 071.09  
 G155s (강원일보40년사)  
 1985 江原日報四十年史 / [강원일보사 편]. -  
 춘천 : 江原日報社 . 1985. -  
 442p. ; 삽도, 도판, 악보 ; 27cm
- 081  
 D13i 아동심리학 / 崔敬淑 著. - 서울 : 民  
 音社 . 1985. -  
 402p. ; 삽도 ; 24cm. - (대우  
 학술총서 : 인문사회과학 ; 16)
- 081  
 D13i 언어심리학 / 趙明翰 著. - 서울 : 民音  
 社 . 1985. -  
 284p. ; 24cm. - (대우학술총서  
 : 인문사회과학 ; 17)
- 081  
 H12h (현대과학의 이해)  
 v.1 現代科學의 理解 : 尖端科學을 中心으로 /  
 강영선. . [등집필]. - 서울 : 한국방송  
 통신대학보사 . 1985. -  
 246p. ; 삽도 ; 21cm. - (학보  
 총서 - 한국방송통신대학보사 ; 제1집)
- R  
 081  
 H193X (학술연구조성비에 의한 연구보고서)  
 1983- 學術研究助成費에 依한 研究報告書：  
 索引集／韓國學術振興財團· 1983 年度 ·  
 - 서울 : 同재단 , 1985-  
 책 ; 26cm
- 081  
 Se39h (삼국사기)  
 v.1-2 三國史記 / 李載浩 譯. 上, 下. - 서울  
 : 삼경당 . 1985. -  
 2책 ; 23cm. - (世界古典全集 ; 1  
 - 2)
- 081  
 Se39h (삼국유사)  
 v.3-4 三國遺事 / 李載浩 譯. 上, 下. - 서울  
 : 동서문화사 . 1985. -  
 2책 ; 23cm. - (世界古典全集 ; 3  
 - 4)
- 081  
 Se39h (태비지)  
 v.5 抨里誌 / 虞道陽 譯. - 서울 : 삼경당  
 ; 1985. -  
 424p. ; 23cm. - (世界古典全集  
 ; 5)
- 081  
 Se39h (장비록)  
 v.6 懿紀錄 / 李載浩 譯. - 서울 : 삼경당  
 ; 1985. -  
 412p. ; 23cm. - (世界古典全集  
 ; 6)
- 081  
 Se39h (병자록)  
 v.7 內子錄 / 尹在瑛 譯. - 서울 : 삼경당  
 ; 1985. -  
 343p. ; 23cm. - (世界古典全集  
 ; 7)
- 081  
 Se39h (벽위편)  
 v.8 閻衛編 / 金時俊 譯. - 서울 : 삼경당  
 ; 1985. -  
 487p. ; 23cm. - (世界古典全集  
 ; 8)
- 081  
 Se39h (산기연전)  
 v.9-10 史記列伝 / 文肅奎 譯. 上, 下. - 서울  
 : 삼경당 . 1985. -  
 2책 ; 23cm. - (世界古典全集 ; 9  
 - 10)
- 081  
 Se39h (손자병법)  
 v.11 孫子兵法 / 李鍾學 譯. - 서울 : 삼경당  
 ; 1985. -  
 439p. ; 23cm. - (世界古典全集  
 ; 11)
- 081  
 Se39h (제자백가)  
 v.12 諸子百家 / 金順任 譯. - 서울 : 삼경당  
 ; 1985. -  
 372p. ; 23cm. - (世界古典全集  
 ; 12)
- 081  
 Se39h (초학)  
 v.14 小學 / 이해철 譯. - 서울 : 삼경당 .  
 1985. -  
 350p. ; 23cm. - (世界古典全集  
 ; 14)
- 081  
 Se39h (노자)  
 v.15 老子 / 金敬琢 譯. - 서울 : 삼경당 .  
 1985. -  
 389p. ; 23cm. - (世界古典全集  
 ; 15)
- 082  
 B15 (괴테의 성내와 문학)  
 v.166 괴테의 生涯와 文學／斐斗植 著 ·  
 서울 : 博英社 , 1981 ·  
 295p ; 17cm - (博英文庫 ; 166)

## 500 純粹科學

- 509.52  
N289sKy  
v.1 (중국의 과학과 문명)  
中國의 科學과 文明 / 조셉 니답 著 ; 李  
錫浩 . . . [등역] . - 서울 : 乙酉文化社  
; 1985. -  
397 p. ; 22cm
- 원저자명 : Needham, Joseph  
원서명 : Science and civilisation in China
- R  
550  
J133uKh (동굴)  
洞窟 / 도널드 데일 잭슨 저. - 서울 :  
한국일보타임-라이프(주) , 1986. -  
176 p. ; 삽도 ; 28cm. - (라이  
프地球再發見시리즈)
- 원저자명 : Jackson, Donald  
Deale  
원서명 : Underground world
- 543  
Sh625k (Kōso bunsekihō)  
酵素分析法 : その原理と応用 / 清水祥一  
... [等著] . - 東京 : 講談社 , 1979.  
vi, 131 p. : ill. ; 22 cm.
- R  
550  
J613nKh (광금속)  
貴金屬 / 제프리 세인트 존 저. - 서울  
: 한국일보타임-라이프(주) , 1986.  
-  
176 p. ; 삽도 ; 28cm. - (라이  
프地球再發見시리즈)
- 원저자명 : John, Jeffrey St  
원서명 : Noble metals
- R  
550  
A54aKh (대기)  
大氣 / 올리버 토. 앤런 저. - 서울 :  
한국일보타임-라이프(주) , 1986. -  
176 p. ; 삽도 ; 28cm. - (라이  
프地球再發見시리즈)
- 원저자명 : Allen, Oliver E.  
원서명 : Atmosphere
- R  
550  
M617cKh (이동하는 대륙)  
移動하는 大陸 / 러셀 밀러 저. - 서울  
: 한국일보타임-라이프(주) , 1986.  
-  
176 p. ; 삽도 ; 28cm. - (라이  
프地球再發見시리즈)
- 원저자명 : Miller, Russell  
원서명 : Continents in collision
- R  
550  
On2gKh (보석)  
宝石 / 폴 오닐 저. - 서울 : 한국일보  
타임-라이프(주) , 1986. -  
176 p. ; 삽도 ; 28cm. - (라이  
프地球再發見시리즈)
- 원저자명 : O'neill, Paul  
원서명 : Gemstones
- R  
550  
P143aKh (건조지대)  
乾燥地帶 / 제이크 페이저 저. - 서울 :  
한국일보타임-라이프(주) , 1986. -  
176 p. ; 삽도 ; 28cm. - (라이  
프地球再發見시리즈)
- 원저자명 : Page, Jake  
원서명 : Arid lands
- R  
550  
C547fKh (홍수)  
洪水 / 챘프 클라크 저. - 서울 : 한국  
일보타임-라이프(주) , 1986. -  
176 p. ; 삽도 ; 28cm. - (라이  
프地球再發見시리즈)
- 원저자명 : Clark, Champ  
원서명 : Flood
- R  
550  
P143fKh (삼림)  
森林 / 제이크 페이저 저. - 서울 : 한  
국일보타임-라이프(주) , 1986. -  
176 p. ; 삽도 ; 28cm. - (라이  
프地球再發見시리즈)
- 원저자명 : Page, Jake  
원서명 : Forest

R

550

Sa14eKh (바다와 육지의 경계)

바다와 陸地의 境界 / 러셀 세켓 저. -  
서울 : 한국일보타임-라이프(주) , 198  
6. -  
176p. : 삽도 ; 28cm. - (라이  
프 地球再發見 시리즈)

원저자명: Sackett, Russell  
원서명 : Edge of the sea

R

550

T482vKh (화산)

火山 / 타임 라이프 북스 편집부 저. -  
서울 : 한국일보타임-라이프(주) , 198  
6. -  
176p. : 삽도 ; 28cm. - (라이  
프 地球再發見 시리즈)

원저자명: Time-Life Books Inc

원서명 : Volcano

R

550

W151eKh (지진)

地震 / 브라이스 위커 저. - 서울 : 한  
국일보타임-라이프(주) , 1986. -  
176p. : 삽도 ; 28cm. - (라이  
프 地球再發見 시리즈)

원저자명: Walker, Bryce  
원서명 : Earthquake

R

550

W577rKh (해양)

海洋 / A. B. C. 휘플 저. - 서울 :  
한국일보타임-라이프(주) , 1986. -  
176p. : 삽도 ; 28cm. - (라이  
프 地球再發見 시리즈)

원저자명: Whipple, A. B. C.  
원서명 : Restless oceans

R

550

W577sKh (폭풍)

暴風 / A. B. C. 휘플 저. - 서울 :  
한국일보타임-라이프(주) , 1986. -  
176p. : 삽도 ; 28cm. - (라이  
프 地球再發見 시리즈)

원저자명 : Whipple, A. B. C.  
원서명 : Storm

R

551.578

J954g 한국강수자료/중앙기상대·제 2권

v.2- (1985)- · - 서울 : 중앙기상대 ,

1985-

책 ; 27cm

R

551.6951

J954h 한국기후편집 = Climatic summar  
1904/ 1984 1984 / [중앙기상대기후국기후  
과 편] . - 서울 : 중앙기상대 , 198  
5. -  
506p. : 26cm

555.98

D13i 1985 인도네시아 = Indonesia / [대한강  
업진흥공사 해외자원부 편] . - [서울] :  
대한광업진흥공사 , 1985. -  
32p. : 삽도 ; 26cm. - (국별자  
원현황 ; 25-5)

R

570.84

M925 1985 한국동식물도감 / 문교부 [편] · 第 28 권 · -  
v.28 서울 : 국정교과서 주식회사 , 1985 ·  
962 p · 색채도판 ; 26cm

내용 : 제 28 권 : 고등균류 (버섯류) / 이지열 ·  
홍순우 著 ·

574.8

A127i2Ks (토양미생물학개론)

土壤微生物 概論 / Martin Alexander  
ader 著 ; 申榮五 譯. - 서울 : 大光  
文化社 , 1985. -  
497p. : 삽도 ; 27cm

원서명 : Introduction to soil  
microbiology Second e  
dition

R

580.3

G422j (제주식물도감)

濟州植物圖鑑 / 金文洪 · - 제주시 :

濟州道 , 1985 ·

617 p · 전부색채 도판 ; 26cm

## 600 技術科學 (應用科學)

R

605.8

H193g (과학기술연감)

1985 科學技術年鑑, 85 / 科學技術處編・一  
서울 : 同處, 1985.  
xiii, 403 p.; 26 cm.

616.61

Se67s 신장학 / 서울대학교의과대학 편. - 서울  
: 서울대학교出版部, 1985. -  
238 p. : 삼도 ; 27 cm

610.69

H193b (보건진료원의 일차진료 기술 및 직무에...)  
保健診療員의 일차診療技術 및 職務에 관한 研究報告書 : 保健診療員制度改善의 一環으로  
金鎮順 ; 與英愛 ; 柳好信 (공저).  
[서울] : 韓國人口保健研究院, 1985.  
105 p. : 26 cm

619

B456iKy (실험의학 방법론)

實驗医学方法論 / Claude Bernard  
d 著 ; 翁碩鎮 訳. - 서울 : 大光文化  
社, 1985. -  
280 p. : 23 cm

원서명 : Introduction à l'étude de la médecine expérimentale

610.7

G429p 의학교육평가 : 試驗問項의 開發과 分析 /  
金勇一 著. - 서울 : 서울대학교出版部  
1985. -  
333 p. : 24 cm

R

621.2

N579y Nihon Yukūatsu Kyōkai.  
(Yukūatsu benran)

油空圧便覽 / 日本油空圧協会編・一  
東京 : オーム社, 昭和 50(1975)  
1053 p. : ill.; 22 cm.

613.28

G419b 백세에의 조대  
百歲예의 招待 / 최초 구현선은 百葉의 長  
/ 金光浩 編著. - 增補版. - 서울 :  
정지사, 1983.  
933 p. : 26 cm. - (新健康나리즈  
: 2)

R

621.26

Iw5p2 Iwanami, Shigezo.

(Packing gijutsu benran)  
パッキン技術便覽 / 岩浪繁藏, 近森徳重  
編著・第 2 版・一 東京 : 産業圖書,  
昭和 56(1981)

2, 12, 874 p. : ill.; 22 cm.

614.06

Y17u (우인양재모박사 정년퇴임기념 연구논문집)  
又仁梁在謙博士停年退任紀念 研究論文集 / 梁在  
謙 著. - 서울 : 延世대학교人口 및 家族  
計劃研究所, 1985.  
1162 p. : 초상화, 도판 ; 26 cm

621.38173

M449m (엠오에스 엘에스아이 설계기초)  
MOS LSI 설계기초 / 이종덕 ; 민홍식  
공역. - 서울 : 방한출판사, 1985.  
362 p. : 삼도 ; 26 cm

614.0312

H992y 유해화학물질해설집 / 1. 환경성 편. - 1.  
- [서울] : 환경성, 1986.  
1066 p. : 26 cm

621.43

H193s (소형기계용 원동기개발에 관한연구)

(연구보고서) 小型 機械用 原動機 開發에  
研究 = A study on development of small power  
machines. 编者 : 韩正彬, 金正勳, 朴正煥  
等. - 韓正彬 著. - (小功率機械開發  
研究), - 과천 : 科學技術處, 1985  
91 p. (집자) : 삼도 ; 26 cm

614.86

G929h (교통 안전을 위한 인간행동에 관한 연구)  
交通安全을 見한 人間行動에 關한 研究 : 事  
故預防 / 駕駛者, 行走者의 行態分析을 中  
心으로 / 李根熙. - [서울] : 交通安全  
振興公團, 1986.  
108 p. : 삼도 ; 26 cm. - (研究  
報告書 - 交通安全振興公團 ; 85-5)

R

621.8

M464m (Mechatronics jitsuyō benran)

メカトロニクス実用便覧 / メカトロニクス  
編集委員会編. — 東京: 技術調査会,  
1983.  
32, 1087 p.: ill.; 22 cm.

Mechatronics: mechanism & electronics.

R

621.9

H193g  
1985

(공작기계통계요람)

工作機械統計要覽 / 韓國工作機械工業協會 ·  
— 서울: 同協會, 1985.  
303 p.; 21 cm

624.151

G292d

(동결심도조사보고서)

1982

凍結深度調査報告書 = Technical note  
of national construction laboratory institute  
ministry of construction  
· Korea. — [서울]: 建設部國立建設  
試驗所, 1982.  
155 p.; 26 cm

624.17

G292g

(고량내하력 조사 종합보고서)

1985

橋梁耐荷力 調査 総合報告書 : 1968-19  
84 / [건설부국립건설시험소 편]. — [  
서울]: 建設部國立建設試驗所, 1985.  
140 p.; 26 cm

624.17

Ik3Kj

(가설구조물의 구조계산입문)

v.2

假設構造物의 構造計算入門 / 趙兵九 ; 李珉  
雨 ; 金祥坤 共訳. 2. — 서울 : 建設  
文化社, 1985.

168 p.; 26 cm

원 저자명 : Ikeda, Mitsuo(池田光男)

628.1

G292s

(상수도)

1985

上水道 / [건설부 편]. — [서울] :  
建設部, 1985.  
195 p.; 27 cm

628.2

H193h

(하수도)

1985

下水道 / [건설부 편]. — [서울] :  
建設部, 1985.  
243 p.; 27 cm

629.276

D737a

(아전 베티 차용의 유효성에 관한 연구)  
安全belt 着用의 有効性에 關한 研究 / 閨芸  
基 ; 黃相皓 ; 李元榮 [공동연구]. —  
서울 : 道路交通安全協會, 1985.  
266 p. (집자) ; 26 cm

MA

631.4751

N631t

(토양해설도 : 평택군)

v.2

土壤解說圖 : 平澤郡 = Interpretive  
soil maps / [농촌진흥청농  
업기술연구소 편]. — [수원] : 農村振興  
廳農業技術研究所, 1985.  
112 p.; 39 cm

MA

631.4751

N631t

(토양해설도 : 이리시 익산군)

v.3

土壤解說圖 : 補里市 益山郡 = Interpretive  
soil maps / [농촌  
진흥청농업기술연구소 편]. — [수원] : 農村振興  
廳農業技術研究所, 1985.  
112 p.; 39 cm

634.97

y62m

(목재해부학)

木材解剖學 / 李芻宇 著. — 서울 : 서울  
大學校出版部, 1985.  
467 p.; 삽도; 24 cm

636.5

H193h

(한국가금발달사)

韓國家禽發達史 / 韓國家禽發達史編纂委員會 編  
· 서울 : 先進文化社, 1985.  
525 p.; 초장화, 도판; 27 cm

판제: 楊堂吳鳳國博士 同甲記念.

640.153

Si61g

(가정물리)

家庭物理 / 大韓家政學會 編. — 서울 :

新光出版社, 1984.

346 p.; 25 cm. — (家政學研究의

最新情報 ; 2)

640.4

D13g

(가정 관리학)

家庭管理學 / 大韓家政學會 編. — 서울 :

新光出版社, 1984.

104 p.; 25 cm. — (家政學研究의

最新情報 ; 2)

- 640.4  
Y3g (가정경제학)  
(要點) 家庭經濟學 / 觀智閣編輯部 編著. -  
서울 : 觀智閣, 1984. -  
134 p. ; 22 cm  
관제 : 急所整理와 問題解說
- 640.7  
D13g (가정교육학)  
家政教育學 / 大韓家政學會 編. - 서울 : 691.7  
新光出版社, 1984. -  
95 p. ; 삽도 ; 25 cm. - (家政學  
研究) 最新情報 ; 2)
- 646.6  
T152k Tamura, Teruko.  
(Kiso hifuku eiseigaku)  
基礎被服衛生學 / 田村照子 著. - 東京 :  
文化出版局, 昭和60(1985)  
221 p. : ill. ; 21 cm.
- 672.0251  
G629b (백제의 제철공정과 기술발전)  
百濟의 製鐵工程과 技術發展 : 鐵器遺物의 金  
屬學的 考察을 通하여 / [尹東錫 ; 李南珪  
共研究]. - 서울 : 高麗大學校技術研究所  
1985. -  
86 p. : 삽도, 도판 ; 26 cm
- 690  
H193g (섬유기술의 국제경쟁력에 대한 소고)  
織維技術의 國際競爭力에 대한 小考 / 張哲植  
[서울] : 韓國織維技術振興센터  
1985.  
92 p. ; 25 cm
- 690.08  
Y52g (구연 이창각 총장 학업기념논문집)  
龜淵李昌甲總長 華甲紀念論文集 / 忠南大學校工  
科大學建築工学科同門會 編. - 「大典」  
忠南大學校工科大學建築工学科同門會, 1986  
383 p. ; 삽도, 초상화 ; 27 cm
- 692.1  
B147g (건축설계제도)  
建築設計製圖 / 朴春根 著. - 서울 : 普  
成文化社, 1985. -  
201 p. (집지) ; 삽도 ; 32 cm  
관제 : 설계제도, 투시도, 모형
- v.4 (국제건설기술학술발표회 논문집)  
(第4回) 國際建設技術學術發表論文集 = The  
4th International seminar  
on construction technol-  
ogy / [한국건설기술연구원 편집]. -  
서울 : 韓國建設技術研究院, 1985.  
206 p. ; 삽도, 도판 ; 26 cm

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- 001.44  
M336i Margolin, Judith B.  
The Individual's guide to grants /  
Judith B. Margolin. -- New York :  
Plenum, c1983.  
xvii, 295 p. ; 22 cm.
- 001.51  
Os8k Key concepts in communication / Tim  
O'Sullivan ... [et al.]. -- London  
: Methuen, c1983.  
xiv, 270 p. ; 21 cm. -- (Studies  
in communication)
- 001.532  
M813cEj Morecki, Adam.  
Cybernetic systems of limb  
movements in man, animals and robots  
/ Adam Morecki, Juliusz Ekiel,  
Kazimierz Fidelus ; tr. editor, N.  
B. Jones. -- Chichester : Ellis  
Horwood, 1984.  
xvi, 242 p. ; 24 cm.  
  
Translation of: Cybernetyczne  
systemy ruchu konczyn zwierząt i  
robotów.
- 001.535  
P316h Pearl, Judea.  
Heuristics : intelligent search  
strategies for computer problem  
solving / Judea Pearl. -- Reading :  
Addison-Wesley, c1984.  
xvii, 382 p. : ill. ; 25 cm. --  
(The Addison-Wesley series in  
artificial intelligence)
- 001.64  
Ah68d Aho, Alfred V.  
Data structures and algorithms /  
Alfred V. Aho, John E. Hopcroft,  
Jeffrey D. Ullman. -- Reading :  
Addison-Wesley, c1983.  
xi, 427 p. : ill. ; 25 cm.
- 001.64  
C458d Chorafas, Dimitris N.  
Databases for networks and  
minicomputers / Dimitris N.  
Chorafas. -- New York : Petrocelli,  
c1982.  
xii, 281 p. : ill. ; 25 cm.
- 001.64  
H991c Hwang, Kai.  
Computer architecture and parallel  
processing / Kai Hwang, Faye A.  
Briggs. -- New York : McGraw-Hill,  
c1984.  
xviii, 846 p. : ill. ; 24 cm. --  
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- F  
001.64  
J252h Human factors in computing systems :  
proceedings / ed. by Ann Janda. --  
Amsterdam : North-Holland, c1983.  
viii, 295 p. : ill. ; 31 cm.  
  
Proceedings of the CHI '83  
Conference held Boston, Mass.,  
U.S.A., 12-15, Dec. 1983 / sponsored  
by the ACM Special Interest Group on  
Computer & Human Interaction  
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Society.
- 001.6404  
C786m2 Cooper, James William.  
The Minicomputer in the laboratory  
: with examples using the PDP-11 /  
James W. Cooper. -- 2. ed. -- New  
York : Wiley, c1983.  
xviii, 381 p. : ill. ; 24 cm.
- 001.642  
C458d Chorafas, Dimitris N.  
DBMS for distributed computers and  
networks / Dimitris N. Chorafas. --  
New York : Petrocelli, c1983.  
xii, 255 p. : ill. ; 24 cm.
- 001.642  
C632s Coats, Robert B.  
Software engineering for small  
computers : a programmer's companion  
/ R. B. Coats. -- Reston : Reston  
Pub., 1982.  
vi, 249 p. : ill. ; 24 cm.
- 001.642  
W423w Wehmeyer, Keith R.  
What every engineer should know  
about microcomputer program design /  
Keith R. Wehmeyer. -- New York :  
Dekker, c1984.  
xi, 165 p. ; 24 cm. -- (What every  
engineer should know ; v. 14)

001.64404  
M469c Computer-communication networks /  
guest editors, James S. Meditch,  
Wesley W. Chu. -- Oxford :  
Pergamon, c1983.  
1 v. (various pagings) : ill. ; 28  
cm.

001.6443  
H773i Introduction to the Graphical Kernel  
System (GKS) / F. R. A. Hopgood  
... [et al.]. -- London :  
Academic, c1983.  
xi, 200 p. : ill. ; 24 cm. --  
(Automatic Programming Information  
Centre studies in data processing ;  
no. 19)

003  
K897s Self-organization : autowaves and  
structures far from equilibrium /  
editor, V. I. Krinsky. -- Berlin :  
Springer, 1984.  
xi, 263 p. : ill. ; 25 cm. --  
(Springer series in synergetics ;  
28)  
  
Proceedings of an International  
Symposium, Pushchino, USSR, July 18-  
23, 1983.

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K964c Kuramoto, Yoshiki.  
Chemical oscillations, waves, and  
turbulence / Y. Kuramoto. -- Berlin :  
Springer, 1984.  
viii, 156 p. : ill. ; 25 cm. --  
(Springer series in synergetics ; v.  
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R297t Symposium on Oscillations in  
Heterogeneous Chemical and  
Biological Systems (1984 : Univ.  
of Bremen)  
Temporal order : proceedings /  
editors, L. Rensing, N. I. Jaeger. -  
Berlin : Springer, 1985.  
ix, 325 p. : ill. ; 25 cm. --  
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U17s Self-organization and management of  
social systems : insights,  
promises, doubts, and questions /  
editors, H. Ulrich, G. J. B.  
Probst. -- Berlin : Springer,  
1984.  
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Sm54n Smith, David K.  
Network optimisation practice : a  
computational guide / David K.  
Smith. -- Chichester : Ellis  
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237 p. : ill. ; 24 cm. -- (Ellis  
Horwood series mathematics and its  
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016.155937  
W282d Death education : an annotated  
resource guide / Hannelore Wass  
... [et al.]. -- Washington :  
Hemisphere, c1980.  
xi, 303 p. ; 24 cm.

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502.8  
M612i Miller, Arthur I.  
Imagery in scientific thought  
creating 20th-century physics /  
Arthur I. Miller. -- Boston :  
Birkhaeuser, 1984.  
xv, 355 p. : ill. ; 25 cm.

510  
D922m Dunning-Davies, J.  
Mathematical methods for  
mathematicians, physical scientists,  
and engineers / J. Dunning-Davies. -  
Chichester : Horwood, c1982.  
416 p. : ill. ; 24 cm. -- (Ellis  
Horwood series in mathematics and  
its applications)

510  
G578f2 Goldstein, Larry Joel.  
Finite mathematics and its  
applications / Larry J. Goldstein,  
David I. Schneider. -- 2. ed. --  
Englewood Cliffs : Prentice-Hall,  
c1984.  
xvii, 455, A29 p. : ill. ; 25 cm.

510  
R141  
v.1 Ramanujan Aiyangar, Srinivasa, 1887-  
1920.  
Ramanujan's notebooks / Bruce C.  
Berndt. -- New York : Springer,  
c1985.  
x, 357 p. ; 25 cm.  
Contents: pt. 1.

510.724 G865m	Grenander, Ulf. Mathematical experiments on the computer / Ulf Grenander. -- New York : Academic, c1982. xviii, 525 p. : ill. ; 24 cm. -- (Pure and applied mathematics ; a series of monographs and textbooks ; 105)	510.8 G755 v.98	Broecker, Theodor. Representations of compact Lie groups / Theodor Broecker, Tammo tom Dieck. -- New York : Springer, c1985. x, 313 p. : ill. ; 25 cm. -- (Graduate texts in mathematics ; v. 98)
510.8 Ad26 v.21	Tutte, W. T. Graph theory / W. T. Tutte ; foreword by Crispin St. J. A. Nash-Williams. -- Menlo Park : Addison-Wesley, c1984. xxi, 333 p. : ill. ; 24 cm. -- (Encyclopedia of mathematics and its applications ; v. 21)	510.8 G755 v.99	Grove, Larry C. Finite reflection groups / L. C. Grove. C. T. Benson. -- 2. ed. -- New York : Springer, c1985. x, 133 p. : ill. ; 25 cm. -- (Graduate texts in mathematics ; v. 99)
510.8 G755 v.79	Walters, Peter. An Introduction to ergodic theory / Peter Walters. -- New York : Springer, c1982. ix, 250 p. ; 25 cm. -- (Graduate texts in mathematics ; v. 79)	510.8 G755 v.103	Lang, Serge. Complex analysis / Serge Lang. -- 2. ed. -- New York : Springer, c1985. xiv, 367 p. : ill. ; 25 cm.
510.8 G755 v.89	Lang, Serge. Introduction to algebraic and abelian functions / Serge Lang. -- 2. ed. -- New York : Springer, c1982. ix, 169 p. : ill. ; 25 cm. -- (Graduate texts in mathematics ; 89)	510.8 L497d v.98	Chaos, fractals, and dynamics / ed. by P. Fischer, William R. Smith. - New York : Dekker, c1985. viii, 261 p. : ill. ; 26 cm. -- (Lecture notes in pure and applied mathematics ; 98)
510.8 G755 v.93	Dubrovin, B. A. Modern geometry : methods and applications / B. A. Dubrovin, A. T. Fomenko, S. P. Novikov ; tr. by Robert G. Burns. -- New York : Springer, c1984. xv, 464 p. : ill. ; 25 cm. -- (Graduate texts in mathematics ; 93)  Translation of: Sovremennaja geometrija : metody i prilozhenija, 1979. Contents: pt. I. The Geometry of surfaces, transformation groups, and fields.	510.8 M42 v.160	Basar, Tamer. Dynamic noncooperative game theory / Tamer Basar, Geert Jan Olsder. -- London : Academic, c1982. xii, 430 p. : ill. ; 24 cm. -- (Mathematics in science and engineering ; v. 160)
		511.3 H854i2	Hrbacek, Karel. Introduction to set theory / Karel Hrbacek, Thomas Jech. -- 2. ed., rev. and expanded. -- New York : Dekker, c1984. ix, 247 p. ; 24 cm. -- (Monographs and textbooks in pure and applied mathematics ; 85)
		511.8 M575c	Meyer, Walter. Concepts of mathematical modeling / Walter J. Meyer. -- New York : McGraw-Hill, c1984. xi, 440 p. ; 24 cm.

- 512.2  
J233r James, G. D.  
Representations of general linear groups / G. D. James. -- Cambridge : Cambridge Univ. Press, c1984.  
xii, 147 p. ; 23 cm. -- (London Mathematical Society lecture note series ; 94)
- 512.2  
L238f Landrock, P.  
Finite group algebras and their modules / P. Landrock. -- Cambridge : Cambridge Univ. Press, c1983.  
x, 274 p. ; 23 cm. -- (London Mathematical Society lectures note series ; 84)
- 512.2  
P61a Pier, Jean-Paul.  
Amenable locally compact groups / Jean-Paul Pier. -- New York : Wiley, c1984.  
x, 418 p. ; 24 cm. -- (Pure and applied mathematics)
- 512.24  
K962e Ea Kunz, Ernst.  
Introduction to commutative algebra and algebraic geometry / Ernst Kunz ; tr. by Michael Ackerman. -- Boston : Birkhaeuser, 1985.  
x, 238 p. ; 25 cm.  
  
Translation of: Einfuehrung in die kommutative Algebra und algebraische.
- 512.24  
L558v Vertex operators in mathematics and physics / ed. by J. Lepowsky, S. Mandelstam, I. M. Singer. -- New York : Springer, c1985.  
xiv, 482 p. : ill. ; 25 cm. --  
(Mathematical Sciences Research Institute publications ; v. 3)  
  
Proceedings of a conference, Nov. 10-17, 1983.
- 512.33  
F959i Fulton, William.  
Intersection theory / William Fulton. -- Berlin : Springer, c1984.  
xi, 470 p. : ill. ; 25 cm. --  
(Ergebnisse der Mathematik und ihrer Grenzgebiete ; 3 Folge, Bd. 2)
- 512.4  
Sch63r Schofield, A. H.  
Representation of rings over skew fields / A. H. Schofield. -- Cambridge : Cambridge Univ. Press, c1985.  
xii, 223 p. ; 23 cm. -- (London Mathematical Society lecture note series ; 92)
- 512.522  
R167m Modular forms / editor, Robert A. Rankin. -- Chichester : Horwood, c1984.  
272 p. : ill. ; 24 cm. -- (Ellis Horwood series in mathematics and its applications)
- 512.55  
C119s Cahn, Robert N.  
Semi-simple Lie algebras and their representations / Robert N. Cahn. -- Menlo Park : The Benjamin/Cummings, 1984.  
158 p. ; 24 cm. -- (Frontiers in physics ; 59)
- 512.55  
C246f Carter, Roger William.  
Finite groups of Lie type : conjugacy classes and complex characters / Roger W. Carter. -- Chichester : Wiley, c1985.  
xii, 544 p. : ill. ; 25 cm. -- (Pure and applied mathematics)
- 512.55  
K113i Kac, Victor G.  
Infinite dimensional Lie algebras : an introduction / Victor G. Kac. -- Boston : Birkhaeuser, 1983.  
xvi, 245 p. : ill. ; 24 cm. -- (Progress in mathematics ; v. 44)
- 512.55  
Sch39h Schlichtkrull, Henrik.  
Hyperfunctions and harmonic analysis on symmetric spaces / Henrik Schlichtkrull. -- Boston : Birkhaeuser, 1984.  
xiv, 185 p. ; 24 cm. -- (Progress in mathematics ; v. 49)
- 512.55  
265e Zimmer, Robert J.  
Ergodic theory and semisimple groups / Robert J. Zimmer. -- Boston : Birkhaeuser, 1984.  
x, 209 p. ; 25 cm. -- (Monographs in mathematics ; v. 81)

512.57 P386s v.1	Penrose, Roger. Spinors and space-time / Roger Penrose, Wolfgang Rindler. -- Cambridge : Cambridge Univ. Press, c1984. x, 458 p. : ill. ; 24 cm. -- (Cambridge monographs on mathematical physics)	512.943 V889r	Vom Scheidt, Juergen. Random eigenvalue problems / Juergen vom Scheidt, Walter Purkert. -- New York : North Holland, c1983. 271 p. ; 24 cm. -- (North Holland series in probability and applied mathematics)
	Contents: v. 1. Two-spinor calculus and relativistic fields.	512.944 Ei24t	Eichler, Martin. The Theory of Jacobi forms / Martin Eichler, Don Zagier. -- Boston : Birkhaeuser, c1985. v, 148 p. ; 23 cm. -- (Progress in mathematics ; v. 55)
512.7 Od1p	Oda, Takayuki. Periods of Hilbert modular surfaces / Takayuki Oda. -- Boston : Birkhaeuser, 1982. xvi, 123 p. ; 24 cm. -- (Progress in mathematics ; v. 19)	514 J233a	Aspects of topology : in memory of Hugh Dowker 1912-1982 / ed. by I. M. James, E. H. Kronheimer. -- Cambridge : Cambridge Univ. Press, c1985. xv, 335 p. ; 23 cm. -- (London Mathematical Society lecture notes series ; 93)
512.7 P215eE	Parent, D. P. Exercises in number theory / D. P. Parent. -- New York : Springer, c1984. x, 541 p. ; 25 cm. -- (Problem books in mathematics)	514 K962h	Handbook of set-theoretic topology / ed. by Kenneth Kunen, Jerry E. Vaughan. -- Amsterdam : North-Holland, 1984. 1273 p. ; 25 cm.
	Translation of: Exercices de theorie des nombres.	514.2 B644i	Intersection cohomology / A. Borel ... [et al.]. -- Boston : Birkhaeuser, 1984. x, 238 p. ; 24 cm. -- (Progress in mathematics ; v. 50)
512.72 St47a	Stevens, Glenn. Arithmetic on modular curves / Glenn Stevens. -- Boston : Birkhaeuser, 1982. xvi, 214 p. : ill. ; 24 cm. -- (Progress in mathematics ; v. 20)	514.2 B644i	Notes of a seminar on intersection homology, which met weekly during the spring 1983 at the Univ. of Bern, Switzerland.
512.73 T187c	Tate, John Torrence. Les Conjectures de Stark sur les fonctions L d'Artin en s=0 / John Tate ; notes d'un cours a Orsay redigees, par Dominique Bernardi, Norbert Schappacher. -- Boston : Birkhaeuser, 1984. 143 p. ; 24 cm. -- (Progress in mathematics ; v. 47)	514.2 M925e	Munkres, James R. Elements of algebraic topology / James R. Munkres. -- Menlo Park : Addison-Wesley, c1984. ix, 454 p. : ill. ; 25 cm.
512.74 Sch32u	Schikhof, W. H. Ultrametric calculus : an introduction to -adic analysis / W. H. Schikhof. -- Cambridge : Cambridge Univ. Press, c1984. xi, 306 p. ; 24 cm. -- (Cambridge studies in advanced mathematics ; 4)	514.3 P448t	Petrie, Ted. Transformation groups on manifolds / Ted Petrie, John D. Randall. -- New York : Dekker, c1984. vii, 266 p. ; 24 cm. -- (Monographs and textbooks in pure and applied mathematics ; v. 82)

- 514.7  
Ar65oEp Arnold, Vladimir Igorevich.  
v.1 Singularities of differentiable maps / V. I. Arnold, S. M. Gusein-Zade, A. N. Varchenko ; tr. by Ian Porteous ; based on a previous translation by Mark Reynolds. -- Boston : Birkhaeuser, c1985.  
x, 382 p. : ill. ; 25 cm. -- (Monographs in mathematics ; v. 82)
- Translation of: Osobennosti diffentsiruemikh otobrazhenii.  
Contents: v. 1. Classification of critical points caustics and wave fronts / under the editorship of V. I. Arnold.
- 515  
Ed27a Edelen, Dominic G. B.  
Applied exterior calculus / Dominic G. B. Edelen. -- New York : Wiley, c1985.  
xvii, 471 p. ; 25 cm.
- 515  
F72r Folland, Gerald B.  
Real analysis : modern techniques and their applications / Gerald B. Folland. -- New York : Wiley, c1984.  
xiv, 350 p. ; 25 cm. -- (Pure and applied mathematics)
- 515  
G28p Gelbaum, Bernard.  
Problems in analysis / Bernard Gelbaum. -- New York : Springer, c1982.  
vii, 228 p. : ill. ; 25 cm. -- (Problem books in mathematics)
- 515  
H162s Halmos, Paul Richard.  
Selecta : research contributions / P. R. Halmos ; ed. by Donald E. Sarason, Nathaniel A. Friedman. -- New York : Springer, c1983.  
xxviii, 458 p. ; 25 cm.
- 515  
In8t 1984 International Conference on Trends in the Theory and Practice of Non-linear Analysis (6th : 1984 : Univ. of Texas at Arlington)  
Trends in the theory and practice of non-linear analysis : proceedings / ed. by V. Lakshmikantham. -- Amsterdam : North-Holland, 1985.  
x, 491 p. ; 24 cm. -- (North-Holland mathematics studies ; 110)
- 515  
M351c2 v.1-3 Marsden, Jerrold E.  
Calculus I-III / Jerrold Marsden, Alan Weinstein. -- 2. ed. -- New York : Springer, c1985.  
3 v. : ill. ; 27 cm. -- (Undergraduate texts in mathematics)
- 515  
R661u Roman, Steven.  
The Umbral calculus / Steven Roman. -- Orlando : Academic, c1984.  
x, 193 p. : ill. ; 24 cm. -- (Pure and applied mathematics : a series of monographs and textbooks ; 111)
- 515.0246213  
R414c3 Richmond, Allan Edwin.  
Calculus for electronics / A. E. Richmond. -- 3. ed. -- New York : McGraw-Hill, c1983.  
v, 521 p. ; 24 cm.
- 515.09  
C776m Cooke, Roger.  
The Mathematics of Sonya Kovalevskaya / Roger Cooke. -- New York : Springer, c1984.  
xiii, 234 p. : ill. ; 25 cm.
- 515.15  
Si47c Simmons, George Finlay.  
. Calculus with analytic geometry / George F. Simmons. -- New York : McGraw-Hill, c1985.  
xxi, 950 p. ; 26 cm.
- 515.26  
B161dEj Baiocchi, Claudio.  
Variational and quasivariational inequalities : applications to free boundary problems / Claudio Baiocchi, Antonio Capelo ; tr. by Lakshmi Jayakar. -- Chichester : Wiley, c1984.  
ix, 452 p. : ill. ; 24 cm.  
Translation of: Diseguazioni variazionali e quasivariazionali.
- 515.35  
F269s Fattorini, Hector O.  
Second order linear differential equations in Banach spaces / H. O. Fattorini. -- Amsterdam : North-Holland, 1985.  
xiii, 314 p. ; 24 cm. -- (North-Holland mathematics studies ; 108)(Notas de matematica ; 99)

515.35 M365d	Martin, Robert H. Elementary differential equations with boundary value problems / Robert H. Martin. -- New York : McGraw-Hill, c1984. xv, 606 p. ; 24 cm.	515.353 Sch82e	Elliptic Problem Solvers Conference (1980 : Santa Fe) Elliptic problem solvers : proceedings / ed. by Martin H. Schultz. -- New York : Academic, c1981. xiii, 444 p. : ill. ; 24 cm.
515.35 T449dEs	Tikhonov, Andrei Nikolaevich. Differential equations / A. N. Tikhonov, A. B. Vasil'eva, A. G. Sveshnikov ; tr. from the Russian by A. B. Sossinskij. -- Berlin : Springer, c1985. viii, 238 p. : ill. ; 24 cm. -- (Springer series in Soviet mathematics)		Sponsored by the Los Alamos Scientific Laboratory.
	Translation of: Differentsial'nye uravneniya.	515.53 Ar67p	Aronszajn, Nachman. Polyharmonic functions / by Nachman Aronszajn, Thomas M. Creese, Leonard J. Lipkin. -- Oxford : Clarendon, 1983. x, 265 p. ; 25 cm. -- (Oxford mathematical monographs)
515.353 G584s v.1	Golubitsky, Martin. Singularities and groups in bifurcation theory / Martin Golubitsky, David G. Schaeffer. -- New York : Springer, c1985. xvii, 459 p. : ill. ; 25 cm. -- (Applied mathematical sciences ; v. 51)	515.64 C828v	Variational inequalities and complementarity problems : theory and applications / ed. by R. W. Cottle, F. Giannessi, J-L. Lions. -- Chichester : Wiley, c1980. xvii, 408 p. : ill. ; 24 cm.
	Contents: v. 1.	515.64 Sm63c	Smith, Peter. Convexity methods in variational calculus / Peter Smith. -- Letchworth : Research Studies Press, c1985. x, 222 p. : ill. ; 24 cm. -- (Electronic & electrical engineering research studies. Applied and engineering mathematics series ; 1)
515.353 M658t	Recent topics in nonlinear PDE / ed. by Masayasu Mimura, Takaaki Nishida. -- Amsterdam : North- Holland, 1984. v, 239 p. ; 24 cm. -- (North- Holland mathematics studies ; 98)(Lecture notes in numerical and applied analysis ; v. 6)	515.7 Aul6a	Aubin, Jean-Pierre. Applied nonlinear analysis / Jean- Pierre Aubin, Ivar Ekeland. -- New York : Wiley & Sons, c1984. xi, 518 p. : ill. ; 24 cm. -- (Pure and applied mathematics)
515.353 M829rEn	Morozov, Vladimir Alekseevich. Methods for solving incorrectly posed problems / V. A. Morozov ; translation editor, Z. Nashed ; tr. by A. B. Aries. -- New York : Springer, c1984. xviii, 257 p. : ill. ; 24 cm.	515.7 G874a	Griffel, D. H. Applied functional analysis / D. H. Griffel. -- Chichester : Horwood, 1981. 386 p. : ill. ; 24 cm. -- (Ellis Horwood series in mathematics and its applications)

515.724 M887sEe	Mueller-Pfeiffer, Erich. Spectral theory of ordinary differential operators / Erich Mueller-Pfeiffer ; tr. editor, M. S. P. Eastham. -- Chichester : Horwood, 1981. 246 p. ; 24 cm. -- (Ellis Horwood series in mathematics and its applications)	515.8 M896r2 pt.A	Mukherjea, A. Real and functional analysis / A. Mukherjea, K. Pothoven. -- 2. ed. -- New York : Plenum, c1984. viii, 364 p. : ill. ; 24 cm. -- (Mathematical concepts and methods in science and engineering ; 27) Contents: Pt. A. Real analysis.
	Translation of: Spektraleigenschaften singularer gewöhnlicher Differentialoperatoren.	515.94 Ok1sEn	Oka, Kiyoshi. Kiyoshi Oka, collected papers / Kiyoshi Oka ; tr. from the French by R. Narasimhan with commentaries by H. Cartan ; ed. by R. Remmert. -- Berlin : Springer, c1984. xiv, 223 p. ; 25 cm.
515.73 B891b	Burbea, Jacob. Banach and Hilbert spaces of vector-valued functions : their general theory and applications to holomorphy / Jacob Burbea, P. Masani. -- Boston : Pitman Advanced Pub. Program, c1984. [iii], 111 p. ; 25 cm. -- (Research notes in mathematics ; 90)	515.98 K816i	Rev. translation of: Sur les fonctions analytiques de plusieurs variables.
515.73 K141b	Kaplan, Samuel. The Bidual of $C(X)$ I / Samuel Kaplan. -- Amsterdam : North-Holland, 1985. xv, 423 p. ; 24 cm. -- (North-Holland mathematics studies ; 101)	516.24 H618t	Kodaira, Kunihiko. Introduction to complex analysis / Kunihiko Kodaira. -- Cambridge : Cambridge Univ. Press, c1984. ix, 256 p. : ill. ; 24 cm.
515.73 Sh61v	Shiffman, Bernard. Vanishing theorems on complex manifolds / Bernard Shiffman, Andrew John Sommese. -- Boston : Birkhaeuser, c1985. xiii, 170 p. ; 23 cm. -- (Progress in mathematics ; v. 56)	516.352 N15g	Hirsch, Christian R. Trigonometry and its applications / Christian R. Hirsch, Harold L. Schoen. -- New York : McGraw-Hill, c1985. xiii, 527 p. ; 24 cm.
515.73 Up5s	Upmeier, Harald. Symmetric Banach manifolds and Jordan C-algebras / Harald Upmeier. -- Amsterdam : North-Holland, 1985. xi, 444 p. ; 24 cm. -- (North-Holland mathematics studies ; 104)(Notas de matematica ; 96)	516.36 R19d	Namba, Makoto. Geometry of projective algebraic curves / Makato Namba. -- New York : Dekker, c1984. x, 409 p. : ill. ; 24 cm. -- (Monographs and textbooks in pure and applied mathematics ; v. 88)
515.782 C716n	Colombeau, Jean Francois. New generalized functions and multiplication of distributions / Jean Francois Colombeau. -- Amsterdam : North-Holland, 1984. xii, 375 p. ; 24 cm. -- (North-Holland mathematics studies ; 84)(Notas de matematica ; 90)		Differential geometry and complex analysis : a volume dedicated to the memory of Harry Ernest Rauch / ed. by I. Chavel, H. M. Farkas. -- Berlin : Springer, c1985. xii, 222 p. : ill. ; 25 cm.

516.373		521.54	
W682g	Global Riemannian geometry / editors, T. J. Willmore, N. J. Hitchin. -- Chichester : Horwood, c1984. 213 p. ; 24 cm. -- (Ellis Horwood series mathematics and its applications)	Sz21s	NATO Advanced Study Institute on Stability of the Solar System and Its Minor Natural and Artificial Bodies (1984 : Cortina d'Ampezzo, Italy) Stability of the solar system and its minor natural and artificial bodies : [proceedings] / ed. by Victor G. Szebehely. -- Dordrecht : Reidel, c1985. xxiii, 424 p. : ill. ; 25 cm. -- (NATO ASI series. Series C, Mathematical and physical sciences ; v. 154)
516.92		523.0137	
C398e	Chavel, Isaac. Eigenvalues in Riemannian geometry / Isaac Chavel. -- Orlando : Academic, c1984. ix, 362 p. : ill. ; 24 cm. -- (Pure and applied mathematics : a series of monographs and textbooks ; 115)	L166h	High energy astrophysics / editor, Frederick K. Lamb. -- Menlo Park : Benjamin/Cummings, c1985. xi, 492 p. : ill. ; 23 cm.
519.5		523.112	
H592b	Hinkle, Dennis E. Basic behavioral statistics / Dennis E. Hinkle, William Wiersma, Stephen G. Jurs. -- Boston : Houghton Mifflin Co., c1982. xxi, 410 p. : ill. ; 25 cm.	M4295c	A Volume in the annual reviews special collections program.
519.537		523.2	
W574c	Wherry, Robert J. Contributions to correlational analysis / Robert J. Wherry. -- Orlando : Academic, c1984. xiii, 463 p. ; 24 cm.	C81c	Computer simulation of space plasmas / ed. by H. Matsumoto, T. Sato. -- Tokyo : Terra Scientific, c1985. x, 380 p. : ill. ; 25 cm. -- (Advances in earth and planetary sciences)
519.703		523.51	
W619t v.2	Whittle, Peter. Optimization over time : dynamic programming and stochastic control / Peter Whittle. -- Chichester : Wiley, c1983. x, 317 p. ; 24 cm. -- (Wiley series in probability and mathematical statistics. Applied probability and statistics section)	D661m	NATO Advanced Study Institute (1981 : Isola Vulcano, Italy) The Comparative study of the planets : proceedings / ed. by Angioletta Coradini, Marcello Fulchignoni. -- Dordrecht : Reidel, c1982. xi, 516 p. : ill. ; 25 cm. -- (NATO advanced study institutes series. Series C, Mathematical and physical sciences : v. 85)
519.72		523.51	
G399c	Gilmore, Robert. Catastrophe theory for scientists and engineers / Robert Gilmore. -- New York : Wiley, c1981. xvii, 666 p. : ill. ; 25 cm.	Dodd, Robert T. Meteorites : a petrologic-chemical synthesis / Robert T. Dodd. -- Cambridge : Cambridge Univ. Press, c1981. xi, 368 p. : ill. ; 24 cm.	

530 So48 1978	Solvay Conference on Physics (17th : 1978 : Universite libre de Bruxelles) Order and fluctuations in equilibrium and nonequilibrium statistical mechanics / ed. by G. Nicolis, G. Dewel, J. W. Turner. -- New York : Wiley, c1981. xix, 374 p. ; 24 cm. -- (Nonequilibrium problems in the physical sciences and biology ; v. 1)	530.11 Is4r	Islam, Jamal Nazrul. Rotating fields in general relativity / Jamal Nazrul Islam. -- Cambridge : Cambridge Univ. Press, c1985. vi, 122 p. ; 24 cm.
530 213p2	Zafiratos, Chris D. Physics / Chris D. Zafiratos. -- 2. ed. -- New York : Wiley, c1985. xviii, 797 p. : ill. ; 25 cm.	530.11 R312r2	Resnick, Robert. Basic concepts in relativity and early quantum theory / Robert Resnick, David Halliday. -- 2. ed. -- New York : Wiley, c1985. ix, 341 p. : ill. ; 27 cm.
530.0151474 T64Ew	Toth, Gabor. Harmonic and minimal maps : with applications in geometry and physics / Gabor Toth ; tr. editor, T. J. Willmore. -- Chichester : Horwood, c1984. v, 342 p. ; 24 cm. -- (Ellis Horwood series in mathematics and its applications)	530.12 C264c	NATO Advanced Research Workshop on Quantum Chaos : Chaotic Behavior in Quantum Systems, Theory and Applications (1983 : Como) Chaotic behavior in quantum systems : theory and applications : proceedings / ed. by Giulio Casati. -- New York : Plenum, c1985. viii, 380 p. : ill. ; 26 cm. -- (NATO ASI series. Series B, Physics ; v. 120)
530.08 L497 v.173	Stochastic processes in quantum theory and statistical physics / ed. by S. Albeverio, Ph. Combe, M. Sirugue-Collin. -- Berlin : Springer, 1982. viii, 336 p. ; 25 cm. -- (Lecture notes in physics ; 173)  Proceedings of the International Workshop held in Marseille, France, June 29-July 4, 1981.	530.12 G223s	Superspace : one thousand and one lessons in supersymmetry / S. James Gates ... [et al.]. -- Reading : The Benjamin/Cummings, 1983. 548 p. ; 24 cm. -- (Frontiers in physics ; v. 58)
530.08 L497 v.207	Koch, S. W. Dynamics of first-order phase transitions in equilibrium and nonequilibrium systems / S. W. Koch. -- Berlin : Springer, 1984. 148 p. : ill. ; 25 cm. -- (Lecture notes in physics ; 207)	530.12 Sa29m	Sakurai, Jun John, 1933-1982. Modern quantum mechanics / J. J. Sakurai ; editor, San Fu Tuan. -- Menlo Park : Benjamin/Cummings, c1985. x, 474 p. : ill. ; 25 cm.
530.11 Ep85r	Epstein, Lewis Carroll. Relativity visualized / written and ill. by Lewis Carroll Epstein. - San Francisco : Insight, c1985. xi, 199 p. : ill. ; 23 cm.	530.122 J78m2	Joshi, A. W. Matrices and tensors in physics / A. W. Joshi. -- 2. ed. -- New York : Wiley, c1984. xii, 288 p. : ill. ; 23 cm.

- 530.13  
F919s Statistical physics and dynamical systems : rigorous results / editors, J. Fritz, A. Jaffe, D. Szasz. -- Boston : Birkhaeuser, c1985.  
xxi, 481 p. : ill. ; 24 cm. -- (Progress in physics ; v. 10)  
  
Contains most of the invited papers of the Second Colloquium and Workshop on Random Fields : Rigorous Results in Statistical Mechanics held in Koeszeg, Hungary between August 26 and Sept. 1, 1984.
- 530.13  
In8 International Summer School on v.6 Fundamental Problems in Statistical Mechanics (6th : 1984 : Trondheim, Norway)  
Fundamental problems in statistical mechanics VI : proceedings / editor, E. G. D. Cohen. -- Amsterdam : North-Holland, 1985.  
x, 398 p. : ill. ; 27 cm.
- 530.141  
B644c Booker, Henry G.  
Cold plasma waves / by Henry G. Booker. -- Dordrecht : Nijhoff, c1984.  
xv, 349 p. : ill. ; 25 cm. -- (Developments in electromagnetic theory and applications ; 2)
- 530.142  
R733g Ross, Graham G.  
Grand unified theories / Graham G. Ross. -- Menlo Park : Benjamin/Cummings, c1985.  
xiv, 497 p. : ill. ; 24 cm. -- (Frontiers in physics ; v. 60)
- 530.143  
H761p NATO Advanced Study Institute on Progress in Gauge Field Theory (1983 : Cargese, Corsica)  
Progress in gauge field theory / ed. by G. 't Hooft ... [et al.]. -- New York : Plenum, c1984.  
x, 608 p. ; 26 cm. -- (NATO ASI series. Series B, physics ; v. 115)
- 530.143  
M312q Mandl, Franz.  
Quantum field theory / F. Mandl, G. Shaw. -- Chichester : Wiley, c1984.  
xii, 354 p. ; 23 cm.
- 530.143  
R975q Ryder, Lewis H.  
Quantum field theory / Lewis H. Ryder. -- Cambridge : Cambridge Univ. Press, c1985.  
xii, 443 p. : ill. ; 24 cm.
- 530.15  
C562n Nonlinear phenomena in physics / editor, F. Claro. -- Berlin : Springer, 1985.  
ix, 441 p. : ill. ; 25 cm. -- (Springer proceedings in physics ; 3)
- 530.15  
D814d Proceedings of the 1984 Latin American School of Physics, Santiago, Chile, July 16-Aug. 3, 1984.
- 530.15  
In8K Density functional methods in physics / ed. by Reiner M. Dreizler, Joao da Providencia. -- New York : Plenum, c1985.  
viii, 533 p. : ill. ; 26 cm. -- (NATO ASI series. Series B, Physics ; v. 123)
- 530.15  
1984 Proceedings of a NATO ASI on Density Functional Methods in Physics, held Sept. 5-16, 1983, in Alcabideche, Portugal.
- 530.15  
In8K Internationale Universitaetswochen fuer Kernphysik (23th : 1984 : Schladming)  
Stochastic methods and computer techniques in quantum dynamics : proceedings / ed. by H. Mitter, L. Pittner. -- Wien : Springer, c1984.  
vi, 452 p. : ill. ; 25 cm. -- (Acta physica Austriaca : Supplementum ; 26)
- 530.15  
In8m International School of Mathematical Physics (5th : 1983 : Ettore Majorana International Centre for Scientific Culture)  
Regular and chaotic motions in dynamic systems / ed. by G. Velo, A. S. Wightman. -- New York : Plenum, c1985.  
viii, 310 p. ; 26 cm. -- (NATO ASI series. Series B, physics ; v. 118)

530.15636 C947d	Curtis, W. D. Differential manifolds and theoretical physics / W. D. Curtis, F. R. Miller. -- Orlando : Academic, c1985. xix, 394 p. : ill. ; 24 cm. -- (Pure and applied mathematics : a series of monographs and textbooks ; 116)	530.41 M937d	Diffusion in crystalline solids / ed. by Graeme E. Murch, Arthur S. Nowick. -- Orlando : Academic, c1984. xv, 482 p. : ill. ; 24 cm. -- (Materials science and technology series)
530.4 D544e	NATO Advanced Study Institute on Energy Transfer Processes in Condensed Matter (1983 : Erice) Energy transfer processes in condensed matter : proceedings / ed. by Baldassare Di Bartolo, Aliki Karipidou. -- New York : Plenum, c1984. xxvii, 696 p. : ill. ; 26 cm. -- (NATO ASI series. Series B, Physics ; v. 114)	530.44 G935e	Guenther, Klaus. Electric properties of weakly nonideal plasmas / Klaus Guenther, Rainer Radtke. -- Basel : Birkhaeuser, c1984. viii, 114 p. : ill. ; 25 cm. -- (Experientia : Supplementum ; v. 49)
530.4 P989m	NATO Advanced Study Institute on Multicritical Phenomena (1983 : Geilo, Norway) Multicritical phenomena : [proceedings] / ed. by R. Pynn, A. Skjeltorp. -- New York : Plenum, c1984. xii, 472 p. : ill. ; 26 cm. -- (NATO Advanced Study Institute series. Series B, Physics ; v. 106)	531 In8 1984	International Congress of Theoretical and Applied Mechanics (16th : 1984 : Lyngby, Denmark) Theoretical and applied mechanics : proceedings / ed. by Frithiof I. Niordson, Niels Olhoff. -- Amsterdam : Norht-Holland, 1985. xxxiii, 435 p. : ill. ; 27 cm.
530.4 Sh73m	Shoenberg, D. Magnetic oscillations in metals / D. Shoenberg. -- Cambridge : Cambridge Univ. Press, c1984. xxiv, 570 p. : ill. ; 24 cm. -- (Cambridge monographs on physics)	531.1130151 B193m	Baldock, G. R. Mathematical theory of wave motion / G. R. Baldock, T. Bridgeman. -- Chichester : Horwood, 1981. 261 p. : ill. ; 23 cm. -- (Ellis Horwood series mathematics and its applications)
530.41 Ad59p	Physical properties of amorphous materials / ed. by David Adler, Brian B. Schwartz, Martin C. Steele. -- New York : Plenum, c1985. xiii, 443 p. ; 26 cm. -- (Institute for amorphous studies series)	531.3823 W431s	Weiner, Jerome Harris. Statistical mechanics of elasticity / J. H. Weiner. -- New York : Wiley, c1983. xii, 439 p. : ill. ; 25 cm.
530.41 M788m	Moorjani, Kishin. Magnetic glasses / Kishin Moorjani, J. M. D. Coey. -- Amsterdam : Elsevier, 1984. xiii, 525 p. : ill. ; 25 cm. -- (Methods and phenomena ; 6)	531.3825 B614a	Blazynski, T. Z. Applied elasto-plasticity of solids / T. Z. Blazynski. -- London : Macmillan, c1983. x, 259 p. : ill. ; 24 cm.
		532.05 M846n	Numerical methods for fluid dynamics : based on the proceedings / ed. by K. W. Morton, M. J. Baines. -- London : Academic, 1982. xiv, 517 p. ; 24 cm.

<b>532.0527</b>		<b>535.08</b>	
In8t 1983	International Symposium on Turbulent Shear Flows (4th : 1983 : Univ. of Karlsruhe)	Sp83 v.40	Laser spectroscopy / editors, H. P. Weber, W. Luethy. -- Berlin : Springer, 1983.
	Turbulent shear flows : selected papers / editors, L. J. S. Bradbury ... [et al.]. -- Berlin : Springer, 1985.		xvii, 442 p. : ill. ; 24 cm. -- (Springer series in optical sciences ; 40)
	viii, 395 p. : ill. ; 25 cm.		
	Contents: 4.		
			Proceedings of the 6th International Conference, Interlaken, Switzerland, June 27-July 1, 1983.
			Contents: VI.
<b>532.516</b>			
In8 1984	IUTAM Symposium on Laminar-Turbulent Transition (2nd : 1984 : Novosibirsk)	535.08	
	Laminar-turbulent transition / editor, V. V. Kozlov. -- Berlin : Springer, 1985.	Sp83 v.41	Advances in diagnostic visual optics / editors, G. M. Breinin, I. M. Siegel. -- Berlin : Springer, 1983.
	xxxviii, 759 p. : ill. ; 24 cm.		ix, 247 p. : ill. ; 24 cm. -- (Springer series in optical sciences ; 41)
	At head of title: International Union of Theoretical and Applied Mechanics.		
			Proceedings of the 2nd International Symposium, Tucson, Arizona, Oct. 23-25, 1982.
<b>532.593</b>			
D346w	Dean, Robert George. Water wave mechanics for engineers and scientists / Robert G. Dean, Robert A. Dalrymple. -- Englewood Cliffs : Prentice-Hall, c1984.	535.08	
	xi, 353 p. : ill. ; 24 cm.	Sp83 v.42	Zel'dovich, Boris Ya. Principles of phase conjugation / B. Ya, Zel'dovich, N. F. Pilipetsky, V. V. Shkunov. -- Berlin : Springer, 1985.
			x, 250 p. : ill. ; 24 cm. -- (Springer series in optical sciences ; 42)
<b>535.08</b>		<b>535.08</b>	
Sp83 v.36	Reimer, Ludwig. Transmission electron microscopy : physics of image formation and microanalysis / Ludwig Reimer. -- Berlin : Springer, 1984.	Sp83 v.43	X-ray microscopy / editors, G. Schmahl, D. Rudolph. -- Berlin : Springer, 1984.
	xii, 521 p. : ill. ; 24 cm. -- (Springer series in optical sciences ; 36)		ix, 345 p. : ill. ; 24 cm. -- (Springer series in optical sciences ; 43)
<b>535.08</b>			
Sp83 v.38	Photon correlation techniques in fluid mechanics / editor, E. O. Schulz-DuBois. -- Berlin : Springer, 1983.	535.08	Proceedings of the International Symposium, Goettingen, Fed. Rep. of Germany, Sept. 14-16, 1983.
	x, 399 p. : ill. ; 24 cm. -- (Springer series in optical sciences ; 38)	Sp83 v.44	
<b>535.08</b>			
Sp83 v.39	Optical and laser remote sensing / editors, D. K. Killinger, A. Mooradian. -- Berlin : Springer, 1983.	535.08	Shimoda, Koichi. Introduction to laser physics / Koichi Shimoda ; tr. by Munetada Yamamoto. -- Berlin : Springer, 1984.
	x, 383 p. : ill. ; 24 cm. -- (Springer series in optical sciences ; 39)	Sp83 v.44	ix, 211 p. : ill. ; 24 cm. -- (Springer series in optical sciences ; 44)
			Rev. translation of the original Japanese edition: Reza Butsuri Nyumon.

535.08 Sp83 v.47	Tunable solid state lasers / editors, P. Hammerling, A. B. Budgor, A. Pinto. -- Berlin : Springer, 1985. viii, 203 p. : ill. ; 24 cm. -- (Springer series in optical sciences ; 47)	537.534 H668e v.3	EXAFS and near edge structure / editors, K. O. Hodgson, B. Hedman J. E. Penner-Hahn. -- Berlin : Springer, 1984. xv, 533 p. : ill. ; 25 cm. -- (Springer proceedings in physics ; 2)
	Proceedings of the 1st International Conference, La Jolla, Calif., June 13-15, 1984.		Proceedings of an International Conference, Stanford, CA, July 16- 20, 1984. Contents: III.
535.4 St32i2	Steel, W. H. Interferometry / W. H. Steel. -- 2. ed. -- Cambridge : Cambridge Univ. Press, c1983. xv, 308 p. : ill. ; 24 cm. -- (Cambridge monographs on physics)	537.535 C76 1984	Conference on Applications of X-Ray Analysis (33rd : 1984 : Denver) Proceedings / ed. by Charles S. Barrett, Paul K. Predecki, Donald E. Leyden. -- New York : Plenum, c1985. xv, 393 p. : ill. ; 26 cm. -- (Advances in X-ray analysis ; v. 28)
536.2 In8h 1982 v.1-6	International Heat Transfer Conference (7th : 1982 : Munich) Heat transfer, 1982 : proceedings / ed. by U. Grigull ... [et al.]. -- Washington : Hemisphere Pub., c1982. 6 v. ; 29 cm.	537.6 In4eEm	Ingarden, Roman S. Classical electrodynamics / by Roman S. Ingarden, Andrzej Jamiolkowski ; [tr. by] J. Mackowiak. -- Amsterdam : Elsevier, 1985. xii, 350 p. : ill. ; 25 cm. -- (Studies in electrical and electronic engineering ; v. 12)
536.2001511 K125m	Methods in radiative transfer / ed. by Wolfgang Kalkofen. -- Cambridge : Cambridge Univ. Press, c1984. viii, 450 p. : ill. ; 24 cm.		Translation of: Elektrodynamika klasyczna.
536.401 D711p v.9	Phase transitions and critical phenomena / ed. by C. Domb, J. L. Lebowitz. -- London : Academic, c1984. xiv, 318 p. : ill. ; 24 cm.  Contents: v. 9.	537.622 M475o	Optical orientation / [editors], F. Meier, B. P. Zakharchenya. -- Amsterdam : Norht-Holland, 1984. xi, 523 p. : ill. ; 25 cm. -- (Modern problems in condensed matter sciences ; v. 8)
536.401 M866c	Mouritsen, Ole G. Computer studies of phase transitions and critical phenomena / Ole G. Mouritsen. -- Berlin : Springer, c1984. xii, 199 p. : ill. ; 24 cm. -- (Springer series in computational physics)	537.622 T733 1984	Trieste ICTP-IUPAP Semiconductor Symposium (3rd : 1984) High excitation and short pulse phenomena : proceedings / editor, M. H. Pilkuhn. -- Amsterdam : Norht- Holland, 1985. xv, 605 p. : ill. ; 25 cm.  Reprinted from Journal of luminescence, vol. 30 (1985).
537.508 P943 v.6	Progress in quantum electronics / ed. by T. S. Moss, S. Stenholm. -- Oxford : Pergamon, c1981. 305 p. ; 18 cm.		

- 538.3  
C462h Hyperfine interactions of radioactive nuclei / ed. by J. Christiansen. -- Berlin : Springer, 1983.  
xiv, 366 p. : ill. ; 25 cm. -- (Topics in current physics ; 31)
- 539  
Ad95 Advances in chemical physics / ed. by I. Prigogine, Stuart A. Rice. - New York : Wiley & Sons, c1985.  
ix, 381 p. : ill. ; 24 cm.
- Contents: v. 58.
- 539.6  
C654m Coffey, William.  
Molecular diffusion and spectra / William Coffey, Myron Evans, Paolo Grigolini. -- New York : Wiley, c1984.  
xiii, 378 p. : ill. ; 25 cm.
- 539.7  
B788 Treatise on heavy-ion science / ed. by D. Allan Bromley. -- New York : Plenum, c1984.  
7 v. : ill. ; 24 cm.
- Contents: v. 1. Elastic and quasi-elastic phenomena -- v. 2. Fusion and quasi-fusion phenomena -- v. 3. Compound system phenomena -- v. 4. Extreme nuclear states -- v. 5. High-energy atomic physics -- v. 6. Astrophysics, chemistry, and condensed matter -- v. 7. Instrumentation and techniques.
- 539.7  
In8e International School of Physics of Exotic Atoms (4th : 1984 : Erice, Italy)  
Fundamental interactions in low-energy systems : proceedings / ed. by P. Dalpiaz, G. Fiorentini, G. Torelli. -- New York : Plenum, c1985.  
ix, 501 p. : ill. ; 26 cm. -- (Ettore Majorana international science series ; v. 23)
- 539.7  
P449s International Conference on Spin Excitations in Nuclei (1982 : Telluride)  
Spin excitations in nuclei : proceedings / ed. by F. Petrovich ... [et al.]. -- New York : Plenum, c1984.  
xii, 658 p. : ill. ; 26 cm.
- 539.7  
P943 pt.C Progress in atomic spectroscopy. -- New York : Plenum, c1984.  
xxxiii, 617 p. ; 24 cm. -- (Physics of atoms and molecules)  
Contents: pt. C. / ed. by H. J. Beyer, Hans Kleinpoppen.
- 539.72  
K848s Conference on Supersymmetry in Physics (1983 : Center for Nonlinear Studies)  
Supersymmetry in physics : proceedings / editors, V. Alan Kostelecky, David K. Campbell. -- Amsterdam : North-Holland, 1985.  
vii, 294 p. ; 27 cm.
- 539.721  
F919q NATO ASI on Quarks, Leptons, and Beyond (1983 : Munich)  
Quarks, leptons, and beyond / ed. by H. Fritzsch ... [et al.]. -- New York : Plenum, c1985.  
viii, 555 p. ; 26 cm. -- (NATO ASI series. Series B, physics ; v. 122)
- 539.72112  
C467e Electron-molecule interactions and their applications / ed. by L. G. Christophorou. -- Orlando : Academic, c1984.  
2 v. : ill. ; 24 cm.  
Contents: v. 1-2.
- 539.72112  
T24a Autoionization : recent developments and applications / ed. by Aaron Temkin. -- New York : Plenum, c1985.  
xiii, 261 p. : ill. ; 24 cm. -- (Physics of atoms and molecules)
- 539.7212  
Eu74 European Symposium on Antiproton Interactions (7th : 1984 : Durham).  
Antiproton, 1984 : proceedings / ed. by M. R. Pennington. -- Bristol : Hilger, c1985.  
xiii, 530 p. : ill. ; 24 cm. -- (Institute of Physics conference series ; no. 73)

- 539.7213  
B28n Neutron sources : for basic physics and applications / H. H. Barschall ... [et al.]. -- Oxford : Pergamon, c1983.  
xx, 349 p. : ill. ; 26 cm. -- (Neutron physics and nuclear data in science and technology ; 2)
- 539.7213  
L947t Lovesey, Stephen W.  
v.1 Theory of neutron scattering from condensed matter / Stephen W. Lovesey. -- Oxford : Clarendon, 1984.  
xviii, 329 p. ; 25 cm. -- (The International series of monographs on physics)  
Contents: v. 1. Nuclear scattering.
- 539.754  
C441m Multiphoton ionization of atoms / ed. by S. L. Chin, P. Lambropoulos. -- Toronto : Academic, c1984.  
xii, 272 p. : ill. ; 24 cm.
- 539.754  
Eu74 Europhysics Study Conference on Electroweak Effects at High Energies (1st : 1983 : Erice) Electroweak effects at high energies : proceedings / ed. by Harvey B. Newman. -- New York : Plenum, c1985.  
xx, 866 p. : ill. ; 26 cm. -- (Ettore Majorana international science series : physical sciences ; v. 21)
- 539.754  
G296w Georgi, Howard. Weak interactions and modern particle theory / Howard Georgi. -- Menlo Park : The Benjamin/Cummings Pub., 1984.  
viii, 165 p. ; 24 cm.
- 539.754  
In8 1983 International Conference on the Physics of Electronic and Atomic Collisions (13th : 1983 : Berlin) Electronic and atomic collisions / ed. by Joerg Eichler, Ingolf V. Hertel, Nikolaus Stolterfoht. -- Amsterdam : North-Holland, c1984.  
xviii, 840 p. : ill. ; 23 cm.
- 539.754  
D561c4 Dickson, Thomas R. Introduction to chemistry / T. R. Dickson. -- 4. ed. -- New York : Wiley, c1983.  
xvii, 540 p. : ill. ; 25 cm.
- F  
541.0421  
In8 1984  
v.1-2 International Symposium on the Reactivity of Solids (10th : 1984 : Dijon) Reactivity of solids : proceedings / ed. by Pierre Barret, Louis-Claude Dufour. -- Amsterdam : Elsevier, c1985.  
2 v. : ill. ; 31 cm. -- (Materials science monographs ; 28A-28B)  
Contents: pt. A-B.
- 541.223  
B781p Brocas, Jean. The Permutational approach to dynamic stereochemistry / J. Brocas, M. Gielen, R. Willem. -- New York : McGraw-Hill, c1983.  
xxvii, 713 p. ; 24 cm.
- 541.28  
P939q Pritchard, H. O. The Quantum theory of unimolecular reactions / H. O. Pritchard. -- Cambridge : Cambridge Univ. Press, c1984.  
xv, 175 p. : ill. ; 24 cm.
- 541.342  
W762s Pt.A-B Wisniak, Jaime. Solubility of gases and solids : a literature source book / Jaime Wisniak, Mordechay Herskowitz. -- Amsterdam : Elsevier, c1984.  
2 v. : ill. ; 25 cm. -- (Physical sciences data ; 18)  
Contents: Pt. A-B.

- 541.3453  
K647e Electrical phenomena at interfaces : fundamentals, measurements, and applications / ed. by Ayao Kitahara, Akira Watanabe. -- New York : Dekker, c1984. xi, 463 p. : ill. ; 24 cm. -- (Surfactant science series ; v. 15)
- 541.3453  
N655d Dynamical phenomena at surfaces, interfaces and superlattices : proceedings / editors, F. Nizzoli, K. H. Rieder, R. F. Willis. -- Berlin : Springer, c1985. xiii, 329 p. : ill. ; 24 cm. -- (Springer series in surface sciences ; 3)
- Proceedings of an International Summer School at the Ettore Majorana Centre, Erice, Italy, July 1-13, 1984.
- 541.3453  
Os2aEr Oscik, J.  
Adsorption / J. Oscik ; [tr. by Krzysztof Radziwitt], tr. editor, I. L. Cooper. -- Chichester : Horwood, c1982. xv, 206 p. : ill. ; 24 cm. -- (Ellis Horwood series in physical chemistry)
- Translation of: Adsorpcja.
- 541.3453  
V363c Chemistry and physics of solid surfaces / editors, R. Vanselow, R. Howe. -- Berlin : Springer, 1984. xxi, 554 p. : ill. ; 24 cm. -- (Springer series in chemical physics ; 35)
- Contents: v.
- 541.3451  
H865c Hucknall, D. J.  
Chemistry of hydrocarbon combustion / D. J. Hucknall. -- London : Chapman, c1985. viii, 415 p. : ill. ; 24 cm.
- 541.361  
W671c2 Williams, Forman Arthur.  
Combustion theory : the fundamental theory of chemically reacting flow systems / Forman A. Williams. -- 2. ed. -- Menlo Park : The Benjamin/Cummings, c1985. xxiii, 680 p. ; 25 cm. -- (Combustion, science, and engineering series)
- 541.3723  
I06 v.8-9 Ion exchange and solvent extraction : a series of advances / ed. by Jacob A. Marinsky, Yizhak Marcus. -- New York : Dekker, c1981-1985. 2 v. ; 24 cm.
- Contents: v. 8-9.
- 541.39  
B146t v.1-4 Theory chemical reaction dynamics / editor, Michael Baer. -- Boca Raton : CRC Press, c1985. 4 v. ; 26 cm.
- 541.39  
B458c Bernstein, Richard Barry.  
Chemical dynamics via molecular beam and laser techniques / Richard Barry Bernstein. -- Oxford : Clarendon, 1982. ix, 262 p. : ill. ; 23 cm. -- (The Hinshelwood lectures ; 1980)
- 541.901  
Y832p Yoshihara, Kenji.  
Periodic table with nuclides and reference data / K. Yoshihara, H. Kudo, T. Sekine. -- Berlin : Springer, 1985. 451 p. : ill. ; 25 cm.
- 543.085  
W423m v.3-4 Modern fluorescence spectroscopy / ed. by E. L. Wehry. -- New York : Plenum, c1981. 2 v. : ill. ; 24 cm. -- (Modern analytical chemistry)
- Contents: [v.]. 3-4.
- 543.085  
W726i Inductively coupled plasma-atomic emission spectroscopy : an atlas of spectral information / R. K. Winge ... [et al.]. -- Amsterdam : Elsevier, 1985. ix, 584 p. : ill. ; 27 cm. -- (Physical sciences data ; 20)
- 544.92  
K123o Kaiser, R. E.  
Optimization in HPLC / by R. E. Kaiser, E. Oelrich. -- Heidelberg : Huethig, c1981. 278 p. : ill. ; 22 cm. -- (Chromatographic methods)

- 544.926  
C839a Cowper, C. J.  
The Analysis of gases by chromatography / by C. J. Cowper, A. J. DeRose. -- Oxford : Pergamon, c1983.  
xii, 147 p. : ill. ; 24 cm. -- (Pergamon series in analytical chemistry ; v. 7)
- 547.7  
Ap75t v.5-6
- The Total synthesis of natural products / ed. by John ApSimon. -- New York : Wiley, c1984.  
2 v. : ill. ; 24 cm.
- Contents: v. 5-6.
- 546  
G857c Greenwood, Norman Neill.  
Chemistry of the elements / N. N. Greenwood, A. Earnshaw. -- Oxford : Pergamon, c1984.  
xxi, 1542 p. ; 26 cm.
- 547.7  
K117c
- Kaelble, D. H.  
Computer-aided design of polymers and composites / D. H. Kaelble. -- New York : Dekker, c1985.  
xxi, 280 p. : ill. ; 26 cm. -- (Plastics engineering ; 7)
- 547.12254  
P491p Pham, Quang Tho.  
v.2 Proton and carbon NMR spectra of polymers / Quang Tho Pham, Roger Petiaud, Hugues Waton. -- Chichester : Wiley, c1983.  
224-445, [xiii] p. : ill. ; 22 x 31 cm.
- Contents: v. 2.
- 547.2  
F464r Fieser, Mary.  
v.11 Reagents for organic synthesis / Mary Fieser. -- New York : Wiley, c1984.  
669 p. : ill. ; 25 cm.
- At head of title: Fieser and Fieser's  
Contents: v. 11.
- 547.756  
G914p v.6
- Pyrolysis and GC in polymer analysis / ed. by S. A. Lieberman, E. J. Levy. -- New York : Dekker, c1985.  
x, 557 p. : ill. ; 24 cm. -- (Chromatographic science ; v. 29)
- 547.2  
K156h Katritzky, Alan R.  
Handbook of heterocyclic chemistry / Alan R. Katritzky ; in collaboration with C. W. Bird ... [et al.]. -- Oxford : Pergamon, c1985.  
xxii, 542 p. ; 28 cm.
- 547.84  
J668 1982
- The Peptides : analysis, synthesis, biology. -- Orlando : Academic, c1984.  
xxxv, 410 p. : ill. ; 24 cm.
- Contents: v. 6. Opioid peptides : biology, chemistry, and genetics / ed. by Sidney Udenfriend, Johannes Meienhofer.
- 547.59  
P81e Pope, Martin.  
Electronic processes in organic crystals / Martin Pope, Charles E. Swenberg. -- Oxford : Clarendon, c1982.  
xx, 821 p. : ill. ; 24 cm. -- (Monographs on the physics and chemistry of materials ; 39)
- 548.7  
P935m
- Joint Italian-Polish Seminar on Multicomponent Polymeric Systems (2nd : 1982 : Lodz, Poland)  
Polymer blends : processing, morphology, and properties : proceedings / ed. by Marian Kryszewski, Andrzej Galeski, Ezio Martuscelli. -- New York : Plenum, c1984.  
ix, 287 p. : ill. ; 26 cm.
- Contents: v. 2.
- prince, Edward.  
Mathematical techniques in crystallography and materials science / Edward Prince. -- New York : Springer, c1982.  
viii, 192 p. : ill. ; 25 cm.

- 548.81  
P152s Symposium on the Structure and Properties of Crystal Defects (1983 : Liblice)  
The Structure and properties of crystal defects : proceedings / ed. by V. Paidar, L. Lejcek. -- Amsterdam : Elsevier, c1984.  
xi, 463 p. : ill. ; 25 cm. -- (Materials science monographs ; 20)
- 548.83  
L121s2 Ladd, Marcus Frederick Charles.) Structure determination by X-ray crystallography / M. F. C. Ladd, R. A. Palmer. -- 2. ed. -- New York : Plenum, c1985.  
xxii, 502 p. ; 24 cm.
- 549.68  
8815f NATO Advanced Study Institute on Feldspars and Feldspathoids, Structures, Properties, and Occurrences (1983 : Rennes, France)  
Feldspars and feldspathoids, structures, properties, and occurrences : proceedings / ed. by William L. Brown. -- Dordrecht : Reidel, c1984.  
xv, 541 p. : ill. ; 25 cm. -- (NATO ASI series. Series C, Mathematical and physical sciences ; v. 137)
- 551  
8318g Bates, Charles Carpenter. Geophysics in the affairs of man : a personalized history of exploration geophysics and its allied sciences of seismology and oceanography / Charles C. Bates, Thomas F. Gaskell, Robert B. Rice. - Oxford : Pergamon, c1982.  
xiii, 492 p. ; 24 cm. -- (Pergamon international library)
- 551.0151  
C844f Future trends in geomathematics / ed. by R. G. Craig, M. L. Labovitz. -- London : Pion, c1981.  
318 p. : ill. ; 24 cm.
- 551.01519  
M526g Menke, William. Geophysical data analysis : discrete inverse theory / William Menke. -- Orlando : Academic, c1984.  
xii, 260 p. : ill. ; 24 cm.
- 551.302  
T765w Trudgill, Stephen T. Weathering and erosion / Stephen T. Trudgill. -- London : Butterworths, 1983.  
192 p. : ill. ; 15 x 21 cm. -- (Sources and methods in geography)
- 551.304  
B75s Sedimentology : recent developments and applied aspects / ed. by P. J. Brenchley, B. P. J. Williams. -- Oxford : Blackwell Scientific Pub., c1985.  
342 p. ; 26 cm.
- 551.4  
B513 Binghamton Geomorphology Symposium (11th : 1980 : Kent State Univ.) Applied geomorphology : proceedings / ed. by Richard G. Craig, Jesse L. Craft. -- London : Allen, c1982.  
x, 253 p. : ill. ; 24 cm. -- (The "Binghamton" symposia ; 11)
- 551.46554  
J569m Jo, Seong-geun. Marine geology of Korean seas / Sung Kwun Chough. -- Dordrecht : Reidel, c1983.  
xiv, 154 p. : ill. ; 24 cm.
- 551.48  
B736r Bras, Rafael L. Random functions and hydrology / Rafael L. Bras, Ignacio Rodriguez-Iturbe. -- Reading : Addison-Wesley, c1985.  
xv, 559 p. : ill. ; 24 cm.
- 551.48  
F417pEf Ferronsky, Vasily Ivanovich. Environmental isotopes in the hydrosphere / V. I. Ferronsky, V. A. Polyakov ; tr. by S. V. Ferronsky. - Chichester : Wiley, 1982.  
viii, 466 p. : ill. ; 24 cm.  
Translation of: Prirodnye izotopy gidrosfery.  
A Wiley-Interscience publication.
- 551.48  
Sh23b Sharp, James J. BASIC hydrology / James J. Sharp, Peter G. Sawden. -- London : Butterworths, c1984.  
150 p. : ill. ; 22 cm. -- (Butterworths BASIC series)

- 551.48  
Sm63b Smith, P. D.  
    BASIC hydraulics / P. D. Smith. --  
    London : Butterworth, c1982.  
    156 p. : ill. ; 22 cm.
- 551.48  
St83v Variations in the global water budget / ed. by Alayne Street-Perrott, Max Beran, Robert Ratcliffe. -- Dordrecht : Reidel, c1983.  
    xiv, 518 p. : ill. ; 25 cm.
- 551.5  
P192dEp Panchev, Stoicho.  
    Dynamic meteorology / S. Panchev ; [tr. by S. Panchev, K. H. Nenkov, L. A. Kostadinov]. -- Dordrecht : Reidel, c1985.  
    xxi, 360 p. : ill. ; 25 cm. -- (Environmental fluid mechanics)  
  
    Translation of: *Dinamichna meteorologija*.
- 551.5153  
P194a Panofsky, Hans A.  
    Atmospheric turbulence : models and methods for engineering applications / Hans A. Panofsky, John A. Dutton. -- New York : Wiley, c1984.  
    xix, 397 p. ; 24 cm.
- 551.576  
M439c Matveev, Leonid Tikhonovich.  
    Cloud dynamics / by L. T. Matveev. -- Dordrecht : Reidel, c1984.  
    x, 340 p. ; 25 cm. -- (Atmospheric sciences library)
- 551.69182  
V328c Climates of the oceans / ed. by H. Van Loon. -- Amsterdam : Elsevier, 1984.  
    xviii, 716 p. : ill. ; 30 cm. -- (World survey of climatology ; v. 15)
- 551.7  
H719l Lower palaeozoic of the Middle East, Eastern and Southern Africa, and Antarctica : with essays on lower palaeozoic trace fossils of Africa and lower palaeozoic palaeoclimatology / ed. by C. H. Hollander. -- Chichester : Wiley, c1981.  
    331 p. : ill. ; 28 cm. -- (Lower palaeozoic rocks of the world ; v. 3)
- 551.8  
W486p Preferred orientation in deformed metals and rocks : an introduction to modern texture analysis / ed. by Hans-Rudolf Wenk. -- Orlando : Academic, 1985.  
    xix, 610 p. ; 24 cm.
- 551.9  
Ad95 v.4 Metamorphic reactions : kinetics, textures, and deformation / ed. by Alan Bruce Thompson, David C. Rubie. -- New York : Springer, c1985.  
    xii, 291 p. : ill. ; 25 cm. -- (Advances in physical geochemistry ; v. 4)
- 552.1  
MS84m Middlemost, Eric A. K.  
    Magmas and magmatic rocks : an introduction to igneous petrology / Eric A. K. Middlemost. -- London : Longman, c1985.  
    ix, 266 p. : ill. ; 25 cm.
- 552.3  
In8 1982 v.1-2 International Kimberlite Conference (3rd : 1982 : Clermont-Ferrand, France)  
    Kimberlites : proceedings / ed. by J. Kornprobst. -- Amsterdam : Elsevier, 1984.  
    2 v. : ill. ; 26 cm. -- (Developments in petrology ; 11A-11B)  
  
    Contents: v. 1. Kimberlites and related rocks -- v. 2. The Mantle and crust-mantle relationships.
- 552.4  
B645a Atlas of deformational and metamorphic rock fabrics / ed. by Graham J. Borradaile, M. Brian Bayly, Chris McA. Powell. -- Berlin : Springer, 1982.  
    xiii, 551 p. : ill. ; 28 cm.
- 552.5  
In8 1979 International Seminar on Lateritisation Processes (1st : 1979 : Trivandrum, India)  
    Lateritisation processes : proceedings. -- Rotterdam : Balkema, 1981.  
    vii, 450 p. : ill., maps ; 29 cm.

- 553  
W832m Wolfe, John A.  
Mineral resources a world review /  
John A. Wolfe. -- New York :  
Chapman, c1984.  
xv, 293 p. : ill. ; 26 cm. --  
(Environmental resource management  
series)
- 574.192  
D319Eo Davydov, Aleksander Sergeevich.  
Biology and quantum mechanics / by  
A. S. Davydov ; tr. by D. Oliver. --  
Oxford : Pergamon, c1982.  
ix, 229 p. : ill. ; 24 cm. --  
(International series in natural  
philosophy ; v. 109)
- 553.492  
B236Keb Bardossy, Gyoergy.  
Karst bauxites : bauxite deposits  
on carbonate rocks / by Gyoergy  
Bardossy : [tr. by B. Balkay]. --  
Amsterdam : Elsevier, 1982.  
441 p. : ill. (some col.) ; 25 cm.  
-- (Developments in economic geology  
; 14)  
  
Translation of: Karsztbauxitok  
bauxittelek karbonatos  
kőzetekben.
- 574.192  
F317 Federation of European Biochemical  
Societies. Special Meeting on  
Enzymes (1979 : Cavtat)  
Industrial and clinical enzymology  
: proceedings / editors, Lj. Vitale,  
V. Simeon. -- Oxford : Pergamon,  
c1980.  
xiii, 363 p. ; 24 cm. --  
(Federation of European Biochemical  
Societies ; v. 61)
- 560.92  
P658m Marine micropaleontology of China /  
Wang Pinxian ... [et al.]. --  
Beijing : China Ocean Press,  
c1985.  
iii, 370 p. : ill. ; 26 cm.
- 574.192  
F719v Biologically active principles of  
natural products : a festschrift  
in honour of Karl Folkers on  
selected topics on coenzymes,  
vitamins, hormones and antibiotics  
/ ed. by Wolfgang Voelter, Doyle  
G. Daves. -- Stuttgart : Thieme,  
c1984.  
310 p. : ill. ; 24 cm.
- 573  
P755i Poirier, Frank E.  
An Introduction to physical  
anthropology and the archaeological  
record / Frank E. Poirier. --  
Minneapolis : Burgess, c1982.  
vii, 546 p. : ill. ; 24 cm.
- 574.19214  
Sp48c Calcium in biology / ed. by Thomas  
G. Spiro. -- New York : Wiley,  
c1983.  
ix, 278 p. : ill. ; 24 cm. --  
(Metal ions in biology ; v. 6)
- 574.16  
Or7 ORPRC Symposium on Primate  
Reproductive Biology (2nd : 1982  
: Beaverton, Oregon)  
Neuroendocrine aspects of  
reproduction / ed. by Reid L.  
Norman. -- New York : Academic,  
c1983.  
xv, 430 p. : ill. ; 24 cm. --  
(ORPRC symposia on primate  
reproductive biology ; 2)
- 574.1924  
An24s Surface and interfacial aspects of  
biomedical polymers / ed. by  
Joseph D. Andrade. -- New York :  
Plenum, c1985.  
xvi, 470 p. ; 24 cm.  
  
Contents: v. 1. Surface chemistry  
and physics.
- 574.19191  
St94u Uses of synchrotron radiation in  
biology / ed. by H. B. Stuhrmann.  
-- London : Academic, 1982.  
xii, 348 p. : ill. ; 24 cm.
- 574.19283  
M589b Bioelectrochemistry : biological  
redox reactions / ed. by G.  
Milazzo, Martin Blank. -- New York  
: Plenum, c1983.  
xi, 348 p. : ill. ; 26 cm. --  
(Ettore Majorana international  
science series. Life sciences ; v.  
11)  
  
Proceedings of the course on  
Bioelectrochemistry, which was the  
Eleventh International School of  
Biophysics, held Nov. 29-Dec. 5,  
1981, in Erice, Sicily, Italy.

- 574.19285  
H832s Soft ionization biological mass spectrometry / ed. by H. R. Morris. -- London : Heyden, c1981. xii, 156 p. ; 24 cm.
- Proceedings of the Chemical Society Symposium on Advances in Mass Spectrometry Soft Ionization Methods. London, July 1980.
- 574.29  
C767 v.14 Regulation of leukocyte function / ed. by Ralph Snyderman. -- New York : Plenum, c1984. xix, 410 p. : ill. ; 24 cm. -- (Contemporary topics in immunobiology ; v. 14)
- 574.5  
An23e Anderson, J. M. Ecology for environmental sciences : biosphere, ecosystems and man / J. M. Anderson. -- London : Arnold, c1981. viii, 175 p. : ill. ; 22 cm. -- (Resource and environmental sciences series)
- 574.5  
Sh79e British Ecological Society. Symposium (23rd : 1982 : Leeds) Evolutionary ecology / ed. by B. Shorrocks. -- Oxford : Blackwell, c1984. viii, 418 p. : ill. ; 25 cm.
- 574.5072  
P597i Pielou, E. C. The Interpretation of ecological data : a primer on classification and ordination / E. C. Pielou. -- New York : Wiley, c1984. xi, 263 p. ; 24 cm.
- 574.524  
B394p Begon, Michael. Population ecology : a unified study of animals and plants / Michael Begon, Martin Mortimer. -- Oxford : Blackwell, c1981. vii, 200 p. : ill. ; 25 cm.
- 574.52636  
D294o Observations on the ecology and biology of western Cape Cod Bay, Massachusetts / ed. by John D. Davis, Daniel Merriman. -- Berlin : Springer, c1984. xiv, 289 p. : ill. ; 25 cm. -- (Lecture notes on coastal and estuarine studies ; 11)
- 574.87  
Se37m Segel, Lee A. Modeling dynamic phenomena in molecular and cellular biology / Lee A. Segel. -- Cambridge : Cambridge Univ. Press, c1984. xix, 300 p. : ill. ; 23 cm.
- 574.87  
Sw24c5 Swanson, Carl P. The Cell / Carl P. Swanson, Peter L. Webster. -- 5. ed. -- Englewood Cliffs : Prentice-Hall, c1985. x, 374 p. ; 24 cm.
- 574.8732  
D587r Dillon, Jo-Anne R. Recombinant DNA methodology / Jo-Anne R. Dillon ... [et al.] ; editors, Jo-Anne R. Dillon, Anwar Nasim, Earle R. Nestmann. -- New York : Wiley, c1985. xx, 219 p. : ill. ; 28 cm.
- 574.8732  
D758a Advances in gene technology : molecular genetics of plants and animals / ed. by Kathleen Downey ... [et al.]. -- New York : Academic, 1983. xxii, 603 p. ; 24 cm. -- (Miami winter symposia ; v. 20)
- 574.8732  
D833u Drlica, Karl. Understanding DNA and gene cloning : a guide for the curious / Karl Drlica. -- New York : Wiley, c1984. xiii, 205 p. : ill. ; 23 cm.
- 574.8732  
G713m Molecular cell genetics / ed. by Michael M. Gottesman. -- New York : Wiley, c1985. xvi, 931 p. ; 24 cm.

- 574.8732  
H1151 Hackett, Perry B.  
An Introduction to recombinant DNA techniques : basic experiments in gene manipulation / Perry B. Hackett, James A. Fuchs, Joachim W. Messing. -- Menlo Park : Benjamin, c1984.  
xiii, 194 p. : ill. ; 28 cm. -- (Benjamin/Cummings series in the life science)
- 574.8732  
L628m Lima-de-Faria, A.  
Molecular evolution and organization of the chromosome / A. Lima-de-Faria. -- Amsterdam : Elsevier, c1983.  
xliv, 1186 p. : ill. ; 25 cm.
- 574.8732  
P962a Advanced molecular genetics / ed. by A. Puehler, K. N. Timmis. -- Berlin : Springer, 1984.  
ix, 347 p. ; 25 cm.
- 574.875  
B436m Membrane processes : molecular biology and medical applications / ed. by Gheorghe Benga, Harold Baum, Fred A. Kummerow. -- New York : Springer, c1984.  
x, 261 p. : ill. ; 25 cm.
- 574.876  
M344c Calcium and cell physiology / ed. by Dieter Marme. -- Berlin : Springer, 1985.  
viii, 390 p. : ill. ; 25 cm.
- 574.8762  
St34r Recombinant DNA and cell proliferation / ed. by Gary S. Stein, Janet L. Stein. -- Orlando : Academic, c1984.  
xiii, 360 p. : ill. ; 24 cm. -- (Cell biology : a series of monographs)
- 574.87623  
W56c Wheatley, Denys N.  
The Centriole : a central enigma of cell biology / D. N. Wheatley. -- Amsterdam : Elsevier Biomedical, 1982.  
xiii, 232 p. : ill. ; 25 cm.
- 575  
Ev61 v.16 Evolutionary biology / ed. by Max K. Hecht, Bruce Wallace, Ghillean T. Prance. -- New York : Plenum, c1983.  
xiv, 499 p. ; 24 cm.  
Contents: v. 16.
- 575  
K572n Kimura, Motoo.  
The Neutral theory of molecular evolution / Motoo Kimura. -- Cambridge : Cambridge Univ. Press, c1983.  
xv, 367 p. : ill. ; 24 cm.
- 575  
N638c Spring Systematics Symposium (5th : 1982 : Chicago)  
Coevolution : proceedings / ed. by Matthew H. Nitecki. -- Chicago : Univ. of Chicago Press, c1983.  
x, 392 p. : ill. ; 24 cm.
- 575  
Sm61e Evolution now : a century after Darwin / ed. by John Maynard Smith. -- San Francisco : Freeman, c1982.  
239 p. : ill. ; 22 cm.
- 575.009  
B681e Bowler, Peter J.  
Evolution : the history of an idea / Peter J. Bowler. -- Berkeley : Univ. of California Press, c1984.  
xiv, 412 p. : ill. ; 24 cm.
- 575.1  
Ar16g Genetic manipulation : impact on man and society / ed. by Werner Arber ... [et al.]. -- Cambridge : Cambridge Univ. Press, c1984.  
xvi, 250 p. ; 24 cm.
- 575.1  
In7e Experimental manipulation of gene expression / ed. by Masayori Inouye. -- New York : Academic, 1983.  
xiii, 315 p. ; 24 cm.
- R  
575.1  
Ol4d Oliver, Stephen G.  
A Dictionary of genetic engineering / Stephen G. Oliver, John M. Ward. -- Cambridge : Cambridge Univ. Press, c1985.  
v, 153 p. : ill. ; 24 cm.

- 575.1  
Se76e v.7 Genetic engineering : principles and methods / ed. by Jane K. Setlow, Alexander Hollaender. -- New York : Plenum, c1985. x, 359 p. ; 26 cm.
- Contents: v. 7.
- 575.13  
8243e Ecological genetics and evolution : the cactus-yeast-Drosophila model system / ed. by J. S. F. Barker, W. T. Starmer. -- Sydney : Academic, c1982. xiv, 362 p. : ill. ; 24 cm.
- Proceedings of a Workshop held at the Univ. of Arizona Conference Center, Oracle, Arizona on Jan. 4-8, 1982 under the auspices of the U.S./Australia Cooperative Science Program.
- 576.1  
C648a Aspects of microbial metabolism and ecology / ed. by G. A. Codd. -- London : Academic, c1984. ix, 282 p. : ill. ; 24 cm. -- (Special publications of the Society for General Microbiology ; 11)
- This book is based on a Symposium of the S. G. M. held at the Univ. of Dundee, Dundee, Scotland, 7-9 Sept. 1982.
- 577  
M687l The Living state / ed. by R. K. Mishra. -- New York : Wiley, c1984. xi, 450 p. : ill. ; 25 cm.
- 581  
P948 v.45 Progress in botany : morphology, physiology, genetics, taxonomy, geobotany / editors, Karl Esser ... [et al.]. -- Berlin : Springer, 1983. xv, 404 p. : ill. ; 25 cm.
- Contents: 45.
- 581.19247  
In8 1984 International Symposium on the Structure, Function, and Metabolism of Plant Lipids (6th : 1984 : Neuchatel, Switzerland) Structure, function and metabolism of plant lipids : proceedings / editors, Paul-Andre Siegenthaler, Waldemar Eichenberger. -- Amsterdam : Elsevier Science, 1984. xvii, 634 p. : ill. ; 25 cm. -- (Developments in plant biology ; v. 9)
- 581.24  
K849g Gaseous air pollutants and plant metabolism / [ed. by] M. J. Koziol, F. R. Whatley. -- London : Butterworths, 1984. xiv, 466 p. : ill. ; 25 cm.
- 581.38  
G715m Gottlieb, Otto Richard. Micromolecular evolution, systematics and ecology : an essay into a novel botanical discipline / Otto Richard Gottlieb. -- Berlin : Springer, 1982. xi, 170 p. : ill. ; 25 cm.
- 581.5222  
W932f Wright, Henry A. Fire ecology, United States and southern Canada / Henry A. Wright, Arthur W. Bailey. -- New York : Wiley, c1982. xxi, 501 p. : ill. ; 25 cm. -- (A Wiley-Interscience publication)
- 581.8212  
G123p Gahan, Peter B. Plant histochemistry and cytochemistry : an introduction / Peter B. Gahan. -- London : Academic, c1984. xi, 301 p. : ill. ; 24 cm. -- (Experimental botany : an international series of monographs)
- 581.87  
B912i Burgess, Jeremy. An Introduction to plant cell development / Jeremy Burgess. -- Cambridge : Cambridge Univ. Press, c1985. viii, 246 p. : ill. ; 26 cm.

- 581.8732  
 V849m NATO Advanced Study Institute-FEBS Advanced Course on Molecular Form and Function of the Plant Genome (1984 : Renesse, Netherlands)  
 Molecular form and function of the plant genome : proceedings / ed. by Lous van Vloten-Doting, Gert S. P. Groot, Timothy C. Hall. -- New York : Plenum, c1985.  
 xii, 693 p. : ill. ; 26 cm. -- (NATO ASI series. Series A, Life sciences ; v. 83)
- 581.8733  
 B175c Chloroplast biogenesis / ed. by N. R. Baker, J. Barber. -- Amsterdam : Elsevier, 1984.  
 xiii, 379 p. : ill. ; 25 cm. -- (Topics in photosynthesis ; v. 5)
- 581.875  
 R561p Robinson, David G.  
 Plant membranes : endo- and plasma membranes of plant cells / David G. Robinson. -- New York : Wiley & Sons, c1985.  
 xix, 331 p. : ill. ; 24 cm. -- (Cell biology ; v. 3)
- 581.875  
 St64b Stoddart, R. W.  
 The Biosynthesis of polysaccharides / R. W. Stoddart. -- London : Croom Helm, c1984.  
 354 p. : ill. ; 24 cm.
- 589.204524  
 H227m Harley, J. L.  
 Mycorrhizal symbiosis / J. L. Harley, S. E. Smith. -- London : Academic, c1983.  
 x, 483 p. : ill. ; 24 cm.
- 591.13  
 G297mEb Georgievskii, V. I.  
 Mineral nutrition of animals / V. I. Georgievskii, B. N. Annenkov, V. T. Samokhin : tr. by H. Brookes. -- London : Butterworths, 1981.  
 viii, 475 p. : ill. ; 25 cm. -- (Studies in the agricultural and food sciences)  
 Translation of: Mineral'noe pitanie zhivotnykh.
- 591.15  
 H155g Genes, development and learning / ed. by T. R. Halliday, P. J. B. Slater. -- Oxford : Blackwell Scientific Pub., c1983.  
 ix, 246 p. : ill. ; 22 cm. -- (Animal behaviour ; v. 3)
- 591.1927  
 R812g Gene regulation by steroid hormones II / ed. by Arun K. Roy, J. H. Clark. -- New York : Springer, c1983.  
 xiii, 353 p. : ill. ; 25 cm.
- Contents: II.
- 591.3  
 M29m Symposium on Molecular Aspects of Early Development (1982 : Louisville, Ky)  
 Molecular aspects of early development : proceedings / ed. by George M. Malacinski, William H. Klein. -- New York : Plenum, c1984.  
 viii, 324 p. : ill. ; 26 cm.
- 591.5  
 H155c Causes and effects / ed. by T. R. Halliday, P. J. B. Slater. -- Oxford : Blackwell Scientific Pub., c1983.  
 ix, 228 p. : ill. ; 22 cm. -- (Animal behavior ; v. 1)
- 591.52636  
 Om6dE Omori, Makoto.  
 Methods in marine zooplankton ecology / Makoto Omori, Tsutomu Ikeda. -- New York : Wiley, c1984.  
 xiii, 332 p. ; 24 cm.  
 Translation of: Dobutu plankton seitai kenkyuho.
- 591.59  
 H155c Communication / ed. by T. R. Halliday, P. J. B. Slater. -- Oxford : Blackwell Scientific Pub., c1983.  
 ix, 225 p. : ill. ; 22 cm. -- (Animal behaviour ; v. 2)
- F  
 592  
 Sp61c Spoel, S. van der.  
 A Comparative atlas of zooplankton : biological patterns in the oceans / S. van der Spoel, R. P. Heyman. -- Berlin : Springer, 1983.  
 186 p. : ill. ; 31 cm.

- 595.7  
In8  
1980 International Congress of Entomology  
(16th : 1980 : Kyoto)  
Cytogenetics and genetics of  
vectors : proceedings of a symposium  
/ editors, R. Pal, J. B. Kitzmiller,  
T. Kanda. -- Tokyo : Kodansha,  
c1981.  
x, 265 p. ; 27 cm. -- (Kodansha  
scientific books)
- 596.016  
M356l4  
v.1 Marshall, Francis Hugh Adam.  
Marshall's physiology of  
reproduction / ed. by G. E. Lamming.  
-- 4. ed. -- Edinburgh :  
Livingstone, 1984.  
xvi, 842 p. : ill. ; 26 cm.
- Contents: v. 1. Reproductive  
cycles of vertebrates.
- 598.1  
B414f The Structure, development and  
evolution of reptiles : a  
Festschrift in honour of Professor  
A. d'A. Bellairs on the occasion  
of his retirement / ed. by Mark W.  
J. Ferguson. -- London : Academic,  
c1984.  
xxii, 697 p. : ill. ; 24 cm. --  
(Zoological Society of London.  
Symposia ; 52)  
  
The proceedings of a Symposium  
held at The Zoological Society of  
London on 26 and 27 May 1983.
- 598.6043  
L499c Chimeras in developmental biology /  
ed. by Nicole Le Douarin, Anne  
McLaren. -- London : Academic,  
c1984.  
xiv, 456 p. : ill. ; 24 cm.
- 599.014  
P313p Physiological strategies in  
lactation / ed. by M. Peaker, R.  
G. Vernon, C. H. Knight. -- London  
: Academic, c1984.  
xxi, 432 p. : ill. ; 24 cm. --  
(Zoological Society of London.  
Symposia ; 51)  
  
The Proceedings of a Symposium  
held at the zoological Society of  
London on 11 and 12 Nov. 1982.
- 599.0188  
N959  
v.6 Physiological and behavioral effects  
of food constituents / editors,  
Richard J. Wurtman, Judith J.  
Wurtman. -- New York : Raven,  
c1983.  
x, 281 p. ; 25 cm. -- (Nutrition  
and the brain ; v. 6)
- 599.0293  
K578a Kindt, Thomas J.  
The Antibody enigma / Thomas J.  
Kindt, J. Donald Capra. -- New York  
: Plenum, c1984.  
xvi, 270 p. : ill. ; 24 cm.
- 604.2  
D656g2 Dobrovolny, Jerry S.  
Graphics for engineers :  
visualization, communication, and  
design / Jerry S. Dobrovolny, David  
C. O'bryant. -- 2. ed. -- New York :  
Wiley, c1984.  
iv, 617 p. ; 29 cm.
- 610.8  
S126  
1978 Sigrid Juselius Foundation Symposium  
(7th : 1978 : Mariehamn, Aland  
Islands, Finland)  
Population structure and genetic  
disorders / ed. by Aldur W. Eriksson  
... [et al.]. -- London : Academic,  
c1980.  
xvii, 690 p. : ill. ; 24 cm.
- 612.044  
W674e Ergogenic aids in sport / ed. by  
Melvin H. Williams. -- Champaign :  
Human Kinetics, c1983.  
x, 385 p. : ill. ; 24 cm.
- 612.3924  
C126c Calcium and cell function / ed. by  
Wai Yiu Cheung. -- New York :  
Academic, c1983.  
xix, 485 p. : ill. ; 24 cm. --  
(Molecular biology, an international  
series of monographs and textbooks)
- Contents: v. 4.
- 599.016  
J635e2 Johnson, Martin H.  
Essential reproduction / Martin H.  
Johnson, Barry J. Everitt. -- 2. ed.  
-- Oxford : Blackwell, c1984.  
x, 367 p. : ill. ; 25 cm.

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- 612.399  
H717p *Perinatal calcium and phosphorus metabolism* / ed. by M. F. Holick, T. K. Gray, C. S. Anest. -- Amsterdam : Elsevier, 1983. xx, 387 p. : ill. ; 25 cm.
- 613.7  
L445i *Lawson, Hal A.*  
*Invitation to physical education* / Hal A. Lawson. -- Champaign : Human Kinetics, c1984. xxi, 231 p. : ill. ; 24 cm.
- 613.7  
R182b *Perspectives on the academic discipline of physical education : a tribute to G. Lawrence Rarick* / ed. by George A. Brooks. -- Champaign : Human Kinetics, c1981. xviii, 398 p. : ill. ; 22 cm.
- 613.7  
T249t *Teaching in physical education* / editors, Thomas J. Templin, Janice K. Olson. -- Champaign : Human Kinetics, c1983. xii, 358 p. ; 24 cm. -- (Big ten body of knowledge symposium series ; v. 14)
- 613.71  
Ec57e *Exercise and health* / [editors, Helen M. Eckert, Henry J. Montoye]. -- [Champaign] : Human Kinetics, c1984. vi, 153 p. : ill. ; 23 cm. -- (American Academy of Physical Education papers ; no. 17)  
  
*Fifty-fourth Annual Meeting, Minneapolis, Minnesota, April 6-7, 1983.*
- 614.19  
Sh22p *Fraleigh, Warren P.*  
*Right actions in sport : ethics for contestants* / Warren P. Fraleigh. -- Champaign : Human Kinetics, c1984. xii, 195 p. ; 24 cm.
- 614.7  
L863s2 *Longree, Karla.*  
*Sanitary techniques in foodservice* / Karla Longree, Gertrude G. Blaker. -- 2. ed. -- New York : Wiley, 1982. xii, 271 p. : ill. ; 23 cm.
- R  
614.703  
T899d *Tver, David F.*  
*Dictionary of dangerous pollutants, ecology, and environment* / David F. Tver. -- New York : Industrial Press, c1981. ix, 347 p. : ill. ; 24 cm.
- 614.77  
T48i  
v.1-2 *Timagenis, Gregorios J.*  
*International control of marine pollution* / Gr. J. Timagenis. -- Dobbs Ferry : Oceana, 1980. 2 v. ; 25 cm.  
  
Contents: v. 1-2.
- 615.1  
C844m *Modern pharmacology* / ed. by Charles R. Craig, Robert E. Stitzel. -- Boston : Little, Brown, c1982. xv, 1038 p. : ill. ; 25 cm.
- 615.19  
B911g *Burger, Alfred.*  
*A Guide to the chemical basis of drug design* / Alfred Burger. -- New York : Wiley, c1983. x, 300 p. ; 24 cm.
- 615.19  
R392q2 *Richards, W. G.*  
*Quantum pharmacology* / W. G. Richards. -- 2. ed. -- London : Butterworths, 1983. xiv, 273 p. : ill. ; 25 cm.
- 615.1901  
M628i  
v.1 *Instrumental data for drug analysis* / Terry Mills III ... [et al.]. -- New York : Elsevier, c1982. xiv, 648 p. : ill. ; 29 cm.  
  
Contents: v. 1.
- 615.321  
D885h *Duke, James A.*  
*Handbook of medicinal herbs* / James A. Duke. -- Boca Raton : CRC, c1985. 677 p. : ill. ; 27 cm.

- 615.58  
L445c Clinical pharmacy and hospital drug management / [ed. by] David H. Lawson, R. Michael E. Richards. -- London : Chapman and Hall, c1982. xv, 384 p. : ill. ; 25 cm.
- 615.9  
H326p Principles and methods of toxicology / editor, A. Wallace Hayes. -- Student ed. -- New York : Raven, c1982. xi, 750 p. : ill. ; 26 cm.
- 616.13  
N842p Pathobiology of the endothelial cell / ed. by Hymie L. Nossel, Henry J. Vogel. -- New York : Academic, c1982. xxxiii, 496 p. : ill. ; 24 cm. -- (P & S biomedical sciences symposia series)
- 616.203  
N231g ICN-UCLA Symposia on Genetic Variation among Influenza Viruses (1981 : Salt Lake City, Utah) Genetic variation among influenza viruses : proceedings / ed. by Debi P. Nayak. -- New York : Academic, c1981. xxi, 672 p. : ill. ; 24 cm. -- (ICN-UCLA symposia on molecular and cellular biology ; v. 21)
- 616.80442  
B231g Baraitser, Michael. The Genetics of neurological disorders / Michael Baraitser. -- Oxford : Oxford Univ. Press, c1982. xi, 516 p. : ill. ; 24 cm. -- (Oxford monographs on medical genetics ; 9)
- 616.89  
K189n New perspectives in abnormal psychology / ed. by Alan E. Kazdin, Alan S. Bellack, Michel Hersen. -- New York : Oxford Univ. Press, c1980. x, 586 p. : ill. ; 25 cm.
- 616.89071  
R426p Origins of psychopathology : problems in research and public policy / ed. by David F. Ricks, Barbara S. Dohrenwend. -- Cambridge : Cambridge Univ. Press, c1983. xiii, 281 p. ; 24 cm.
- 616.9  
P249c Parry, Jennifer M. A Colour atlas of bacillus species / Jennifer M. Parry, P. C. B. Turnbull, J. R. Gibson. -- Ipswich : Wolfe Medical, 1983. 272 p. : ill. (some col.) ; 20 cm. -- (Wolfe medical atlases ; 19)
- 616.98  
Au34m Management of wilderness and environmental emergencies / ed. by Paul S. Auerbach, Edward C. Geehr. -- New York : Macmillan, c1983. xii, 656 p. : ill. ; 26 cm.
- 616.992  
On1 1983 Oncology Workshop of the Society for Research of Organo and Immunotherapy (1st : 1983 : Ludwigsburg) New aspects in physiological antitumor substances : experimental and clinical studies with xenogenic peptides and proteins / ed. by G. Gillissen, K. E. Theurer. -- Basel : Karger, c1985. x, 227 p. : ill. ; 23 cm.
- 616.994  
M543i Interferons / ed. by Thomas C. Merigan, Robert M. Friedman. -- New York : Academic, c1982. -- (UCLA symposia on molecular and cellular biology ; v. 25)
- Proceedings of the Symposium on Chemistry and biology of Interferons : Relationship to Therapeutics held March 8-12, 1982, Squaw Valley, California.
- 616.994061  
P455b v.5 Pettit, George R. Biosynthetic products for cancer chemotherapy / George R. Pettit, Gordon M. Cragg, Cherry L. Herald. - Amsterdam : Elsevier, 1985. xii, 652 p. ; 27 cm.  
Contents: v. 5.
- 618.2  
L498p Lederman, Regina Placzek. Psychosocial adaptation in pregnancy : assessment of seven dimensions of maternal development / Regina P. Lederman. -- Englewood Cliffs : Prentice-Hall, c1984. x, 226 p. ; 24 cm.

- 618.923427  
 B414a Acute diarrhea : its nutritional consequences in children / ed. by Joseph A. Bellanti. -- New York : Raven, c1983.  
 xv, 223 p. : ill. ; 25 cm. --  
 (Nestle nutrition workshop series ; v. 2)
- Summary of an international workshop, sponsored by the International Center for Interdisciplinary Studies of Immunology at Georgetown University, Washington, D.C., on May 7-10, 1982.
- 618.9289  
 R576b The Borderline child : approaches to etiology, diagnosis, and treatment / ed. by Kenneth S. Robson. -- New York : McGraw-Hill, c1983.  
 306 p. ; 24 cm.
- 620.001515  
 D535pEc Dhatt, G.  
 The Finite element method displayed / Gouri Dhatt, Gilbert Touzot ; tr. by Gilles Cantin. -- Chichester : Wiley, c1984.  
 xv, 509 p. ; 24 cm.
- Translation of: Une presentation de la methode des elements finis.
- 620.0042  
 B463c2 Besant, Colin B.  
 Computer-aided design and manufacture / C. B. Besant. -- 2. ed. -- Chichester : Horwood, c1983.  
 232 p. : ill. ; 23 cm. -- (Ellis Horwood series in engineering science)
- 620.0042  
 L588n Numerical methods in coupled systems / ed. by R. W. Lewis, P. Bettess, E. Hinton. -- Chichester : Wiley, c1984.  
 xiv, 618 p. ; 24 cm. -- (Wiley series in numerical methods in engineering)
- 620.0042  
 R279i ReKlaitis, G. V.  
 Introduction to material and energy balances / G. V. ReKlaitis ; with contributions by Daniel R. Schneider. -- New York : Wiley, c1983.  
 xiv, 683 p. : ill. ; 25 cm.
- 620.0044  
 Us3s Usher, M. J.  
 Sensors and transducers / M. J. Usher. -- Hounds mills : Macmillan, 1985.  
 x, 163 p. : ill. ; 25 cm.
- 620.0045  
 M367b Martz, Harry Franklin.  
 Bayesian reliability analysis / Harry F. Martz, Ray A. Waller. -- New York : Wiley, 1982.  
 xix, 745 p. : ill. ; 24 cm. -- (Wiley series in probability and mathematical statistics)
- 620.008  
 M418 v.17 Conference on Emergent Process Methods for High-Technology Ceramics (1982 : North Carolina State Univ.)  
 Emergent process methods for high-technology ceramics : proceedings / ed. by Robert F. Davis, Hayne Palmour III, Richard L. Porter. -- New York : Plenum, c1984.  
 xiv, 842 p. : ill. ; 26 cm. -- (Materials science research ; v. 17)
- 620.1  
 K647b Kitahara, Michihiro.  
 Boundary integral equation methods in eigenvalue problems of elastodynamics and thin plates / Michihiro Kitahara. -- Amsterdam : Elsevier, 1985.  
 281 p. ; 25 cm. -- (Studies in applied mechanics ; 10)
- 620.1  
 R246e Reddy, Junuthula Narasimha.  
 Energy and variational methods in applied mechanics : with an introduction to the finite element method / J. N. Reddy. -- New York : Wiley, c1984.  
 xiii, 545 p. ; 24 cm.
- 620.1064  
 D891s Structure of complex turbulent shear flow / editors, R. Dumas, L. Fulachier. -- Berlin : Springer, 1983.  
 xix, 444 p. : ill. ; 24 cm.  
 At head of title: International Union of Theoretical and Applied Mechanics.  
 Symposium, Marseille, France, Aug. 31-Sept. 3, 1982.

- 620.1064  
L576e Levenspiel, Octave.  
Engineering flow and heat exchange / Octave Levenspiel. -- New York : Plenum, c1984.  
xv, 366 p. : ill. ; 24 cm. -- (The Plenum chemical engineering series)
- 620.11  
D293t4 Davis, Harmer Elmer.  
The Testing of engineering materials / Harmer E. Davis, George Earl Troxell, George F. W. Hauck. -- 4. ed. -- New York : McGraw-Hill, c1982.  
xvi, 478 p. ; 25 cm.
- Third ed. Published under title:  
The Testing and inspection of engineering materials.
- 620.11  
J153e Jacobs, James A.  
Engineering materials technology / James A. Jacobs, Thomas F. Kilduff. -- Englewood Cliffs : Prentice-Hall, c1985.  
xviii, 489 p. : ill. ; 25 cm.
- 620.11  
T71a Corrosion : aqueous processes and passive films / ed. by J. C. Scully. -- London : Academic, c1983.  
x, 464 p. : ill. ; 24 cm. -- (Treatise on materials science and technology ; v. 23)
- 620.11217  
G59b Behaviour of joints in high temperature materials / ed. by T. G. Gooch ... [et al.]. -- London : Applied Science, 1982.  
ix, 272 p. : ill. ; 23 cm.
- Proceedings of the European Symposium, Pettern, The Netherlands.
- 620.1123  
C76 Conference on the Mechanical Properties of Materials at High Rates of Strain (3rd : 1984 : Oxford)  
Mechanical properties at high rates of strain, 1984 : proceedings / ed. by J. Harding. -- Bristol : Institute of Physics, c1984.  
xii, 553 p. : ill. ; 24 cm. -- (Conference series Institute of Physics ; no. 70)
- 620.1123  
W297f Fretting fatigue / ed. by R. B. Waterhouse. -- London : Applied Science, 1981.  
x, 244 p. : ill. ; 23 cm.
- 620.1126  
In8 International Conference on Fracture (5th : 1981 : Cannes)  
1981 v.1-6 Advances in fracture research : fracture 81 : proceedings / editor, D. Francois, co-editors, C. Bathias ... [et al.] ; sponsored by The International Congress on Fracture ; organized by Societe Francaise de Metallurgie. -- Oxford : Pergamon, c1982.  
6 v. (xl, 2786 p.) : ill. ; 26 cm. -- (International series on the strength and fracture of materials and structures)
- Contents: v. 1-6.
- 620.1127  
R311 Research techniques in nondestructive testing / ed. by R. S. Sharpe. -- London : Academic, c1982.  
v.5 viii, 332 p. : ill. ; 24 cm.
- Contents: v. 5.
- 620.11272  
W438a France-U.S.A. Seminar on Application of X-Ray Topographic Methods to Materials Science (1983 : Snowmass Village, Colo.)  
Applications of X-ray topographic methods to materials science : [proceedings] / ed. by Sigmund Weissmann, Francoise Balibar, Jean-Francois Petroff. -- New York : Plenum, c1984.  
xiii, 536 p. : ill. ; 26 cm.
- 620.1623  
T649t Tousek, J.  
Theoretical aspects of the localized corrosion of metals / J. Tousek. -- Rockport : Trans Tech Pub., 1985.  
166 p. ; 24 cm. -- (Materials science surveys ; no. 3)

- 620.1723  
C489mE Cihal, Vladmir.  
Intergranular corrosion of steels and alloys / Vladmir Cihal. -- Amsterdam : Elsevier, c1984.  
ix, 367 p. : ill. ; 25 cm. -- (Materials science monographs ; 18)  
Translation of: Mezikrystalova koroze oceli a slitin.
- 620.43  
K182d Kaye, Brian Howard.  
Direct characterization of fine particles / Brian H. Kaye. -- New York : Wiley, c1981.  
xviii, 398 p. : ill. ; 24 cm. -- (Chemical analysis ; v. 61)  
A Wiley-Interscience publication.
- 620.72  
Os7s Ossenbruggen, Paul John.  
Systems analysis for civil engineers / Paul J. Ossenbruggen. -- New York : Wiley, c1984.  
xviii, 571 p. : ill. ; 24 cm.
- F  
620.8  
In8  
1984 International Conference on Human Factors in Manufacturing (1st : 1984 : London)  
Human factors in manufacturing : proceedings / ed. by T. Lupton. -- Amsterdam : North-Holland, c1984.  
x, 373 p. : ill. ; 31 cm.
- 620.82  
Un3  
1984 U.S.A.-Japan Conference on Human-Computer Interaction (1st : 1984 : Honolulu)  
Human-computer interaction : proceedings / ed. by Gavriel Salvendy. -- Amsterdam : Elsevier, c1984.  
xii, 470 p. : ill. ; 25 cm. -- (Advances in human factors/ergonomics ; 1)
- 621.3  
B697e2 Boylestad, Robert L.  
Electricity, electronics and electromagnetics : principles and applications / Robert Boylestad, Louis Nashelsky. -- 2. ed. -- Englewood Cliffs : Prentice-Hall, c1983.  
x, 547 p. : ill. ; 25 cm.
- 621.312134  
W248h Warnick, C. C.  
Hydropower engineering / C. C. Warnick ; in collaboration with Howard A. Mayo, James L. Carson, Lee H. Sheldon. -- Englewood Cliffs : Prentice-Hall, c1984.  
x, 326 p. : ill. ; 24 cm.
- 621.31244  
G824s Green, Martin A.  
Solar cells : operating principles, technology, and system applications / Martin A. Green. -- Englewood Cliffs : Prentice-Hall, c1982.  
xiv, 274 p. : ill. ; 24 cm. -- (Prentice-Hall series in solid state physical electronics)
- 621.3191  
Y93e Yu, Yao-nan.  
Electric power system dynamics / Yao-nan Yu. -- New York : Academic, c1983.  
x, 255 p. : ill. ; 24 cm.
- 621.3192  
H863e Hubert, Charles I.  
Electric circuits AC/DC : an integrated approach / Charles I. Hubert. -- New York : McGraw-Hill, c1982.  
xx, 776 p. ; 24 cm. -- (McGraw-Hill series in electrical engineering) (Electronics and electronic circuits)
- 621.36  
M973o Musikant, Solomon.  
Optical materials : an introduction to selection and application / Solomon Musikant. -- New York : Dekker, c1985.  
xii, 257 p. ; 24 cm. -- (Optical engineering ; 6)
- 621.366  
B146l Laser processing and diagnostics / editor, D. Baeuerle. -- Berlin : Springer, 1984.  
xi, 551 p. : ill. ; 24 cm. -- (Springer series in chemical physics ; 39)  
Proceedings of an International Conference, Univ. of Linz, Austria, July 15-19, 1984.

- 621.366  
B462m Bertolotti, Mario.  
    Masers and lasers : an historical approach / M. Bertolotti. -- Bristol : Hilger, c1983.  
    xii, 268 p. : ill. ; 24 cm.
- 621.366  
K818i Industrial applications of lasers / ed. by Hans Koebner. -- Chichester : Wiley & Sons, c1984.  
    x, 340 p. : ill. ; 24 cm.
- 621.366  
M111 Maeda, Mitsuo.  
    Laser dyes : properties of organic compounds for dye lasers / Mitsuo Maeda. -- Tokyo : Academic, c1984.  
    x, 335 p. ; 24 cm.
- 621.367  
R288 Ulaby, Fawwaz Tayssir.  
v.2     Microwave remote sensing : active and passive / Fawwaz T. Ulaby, Richard K. Moore, Adrian K. Fung. -- Reading : Addison-Wesley, 1981.  
    xvii, 456 p. : ill. ; 25 cm. -- (Remote sensing ; no. 2)  
  
    Contents: v. 1. Microwave remote sensing fundamentals and radiometry.
- 621.3692  
C421f Cheo, Peter K.  
    Fiber optics : devices and systems / Peter K. Cheo. -- Englewood Cliffs : Prentice-Hall, c1985.  
    xiii, 304 p. : ill. ; 24 cm. -- (Prentice-Hall series in solid states physical electronics)
- 621.380283  
M784m Moment methods in electromagnetics : techniques and applications / ed. by J. Moore, R. Pizer. -- Letchworth : Research Studies Press, 1984.  
    xvii, 398 p. : ill. ; 24 cm. -- (Electronic and electrical engineering research studies. Antennas series ; 4)
- 621.380413  
R613a2 Roden, Martin S.  
    Analog and digital communication systems / Martin S. Roden. -- 2. ed. -- Englewood Cliffs : Prentice-Hall, c1985.  
    xiv, 456 p. : ill. ; 25 cm.
- 621.38043  
J732m Jong, Mark T.  
    Methods of discrete signal and system analysis / M. T. Jong. -- New York : McGraw-Hill, c1982.  
    xii, 452 p. : ill. ; 25 cm. -- (McGraw-Hill series in electrical engineering. Networks and systems)
- 621.380436  
Am18eEs Ambrozy, Andras.  
    Electronic noise / Andras Ambrozy ; tr. by T. Sarkany. -- New York : McGraw-Hill, c1982.  
    281 p. : ill. ; 24 cm.  
  
    Translation of: Elektronikus zajok.
- 621.381  
K823e Kohen, Sheldon Irwin.  
    Electronic manufacturing / Sheldon I. Kohen, Michael Rose. -- Reston : Reston Pub., c1982.  
    xii, 308 p. ; 25 cm.
- 621.381  
Uf3i Uffenbeck, John E.  
    Introduction to electronics, devices and circuits / John E. Uffenbeck. -- Englewood Cliffs : Prentice-Hall, c1982.  
    xii, 400 p. : ill. ; 24 cm.
- 621.38152  
Al25g Aleksandrov, Leonid Naumovich.  
    Growth of crystalline semiconductor materials and crystal surfaces / L. Aleksandrov. -- Amsterdam : Elsevier, 1984.  
    xvi, 318 p. : ill. ; 25 cm. -- (Thin films science and technology ; 5)
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- 621.38152  
G795e Encyclopedia of semiconductor technology / editor, Martin Grayson. -- New York : Wiley & Sons, c1984.  
    xxviii, 941 p. : ill. ; 27 cm.  
  
    Articles reprinted from the Kirk-Othmer Encyclopedia of chemical technology.

- 621.38152  
M823p Morgan, Russ A.  
Plasma etching in semiconductor fabrication / Russ A. Morgan. -- Amsterdam : Elsevier, 1985.  
x, 316 p. : ill. ; 25 cm. -- (Plasma technology ; v. 1)
- 621.38152  
Sz21s Sze, S. M.  
Semiconductor devices : physics and technology / S. M. Sze. -- New York : Wiley, c1985.  
xi, 523 p. ; 25 cm.
- 621.38153  
D7471 Douglas-Young, John.  
Illustrated encyclopedic dictionary of electronic circuits / John Douglas-Young. -- Englewood Cliffs : Prentice-Hall, c1983.  
444 p. : ill. ; 25 cm.
- 621.38153  
L547h Lenk, John D.  
Handbook of practical electronic circuits / John D. Lenk. -- Englewood Cliffs : Prentice-Hall, c1982.  
xii, 334 p. : ill. ; 24 cm.
- 621.38153  
M342c Markus, John.  
Communications circuits ready-reference / John Markus. -- New York : McGraw-Hill, c1982.  
xvii, 216 p. ; 28 cm.
- 621.381533  
R636d Rohde, Ulrich L.  
Digital PLL frequency synthesizers : theory and design / Ulrich L. Rohde. -- Englewood Cliffs : Prentice-Hall, c1983.  
xvi, 494 p. : ill. ; 25 cm.
- 621.38173  
El58i Elliott, David J.  
Integrated circuit mask technology / David J. Elliott. -- New York : McGraw-Hill, c1985.  
xv, 287 p. : ill. ; 24 cm.
- 621.38173  
G464d Glasser, Lance A.  
The Design and analysis of VLSI circuits / Lance A. Glasser, Daniel W. Dobberpuhl. -- Reading : Addison-Wesley, c1985.  
xiii, 473 p. : ill. ; 25 cm.
- 621.38173  
N467f Fine line lithography / ed. by Roger Newman. -- Amsterdam : North-Holland, c1980.  
ix, 481 p. : ill. ; 23 cm. -- (Materials processing, theory and practices ; v. 1)
- 621.38173  
On3m Ong, DeWitt G.  
Modern MOS technology : processes, devices, and design / DeWitt G. Ong. -- New York : McGraw-Hill, c1984.  
xii, 366 p. ; 24 cm.
- 621.38173  
So13a Soclof, Sidney.  
Applications of analog integrated circuits / Sidney Soclof. -- Englewood Cliffs : Prentice-Hall, c1985.  
xiii, 538 p. : ill. ; 25 cm. -- (Prentice-Hall series in solid state physical electronics)
- 621.381958  
Au72m Auslander, David M.  
Microprocessors for measurement and control / David M. Auslander, Paul Sagus. -- Osborne : McGraw-Hill, c1981.  
ix, 310 p. ; 24 cm.
- 621.381958  
C654p Coffron, James W.  
Practical troubleshooting techniques for microprocessor systems / James W. Coffron. -- Englewood Cliffs : Prentice-Hall, c1981.  
ix, 246 p. : ill. ; 25 cm.
- 621.3819598  
D873c Computing structures for image processing / ed. by M. J. B. Duff. -- London : Academic, c1983.  
xii, 214 p. : ill. ; 24 cm.
- 621.38411  
C691a Collin, Robert E.  
Antennas and radiowave propagation / Robert E. Collin. -- New York : McGraw-Hill, c1985.  
xii, 508 p. ; 25 cm. -- (McGraw-Hill series in electrical engineering)

- 621.4  
Ur3s Urieli, Israel.  
Stirling cycle engine analysis /  
Israel Urieli, David M. Berchowitz.  
-- Bristol : Hilger, c1984.  
xiv, 252 p. : ill. ; 24 cm.
- 621.402  
D444i Industrial energy conservation  
technologies and research  
opportunities / ed. by D. J. De  
Renzo ; based on research by Fuel  
and Energy Consultants, Inc.,  
Battelle Pacific Northwest  
Laboratory. -- Park Ridge : Noyes  
Data Co., 1983.  
xiv, 704 p. : ill. ; 25 cm. --  
(Energy technology review ; no. 82)
- 621.4022  
Az37p Aziz, A.  
Perturbation methods in heat  
transfer / A. Aziz, T. Y. Na. --  
Washington : Hemisphere Pub.,  
c1984.  
xii, 199 p. : ill. ; 24 cm. --  
(Series in computational methods in  
mechanics and thermal sciences)
- 621.4022  
K123c2 Kakac, Sadik.  
Heat conduction / Sadik Kakac,  
Yaman Yener. -- 2. ed. -- Washington  
: Hemisphere, c1985.  
xvii, 397 p. : ill. ; 25 cm.
- 621.433  
L521g Lefebvre, Arthur Henry.  
Gas turbine combustion / Arthur H.  
Lefebvre. -- Washington :  
Hemisphere, c1983.  
xvii, 531 p. : ill. ; 25 cm. --  
(McGraw-Hill series in energy,  
combustion, and environment)
- 621.434  
K849sEm Kowalewicz, Andrzej.  
Combustion systems of high-speed  
piston I.C. engines / Andrzej  
Kowalewicz ; [tr. by Ryszard J.  
Miklaszewski]. -- Amsterdam :  
Elsevier, 1984.  
xv, 366 p. : ill. ; 25 cm. --  
(Studies in mechanical engineering ;  
v. 3)  
  
Translation of: Systemy spalania  
szybkobrotowych tłokowych silników  
spalinowych.
- 621.462  
P767t Poloujadoff, Michel.  
The Theory of linear induction  
machinery / Michel Poloujadoff. --  
Oxford : Clarendon Press, c1980.  
xiv, 273 p. ; 24 cm. --  
(Monographs in electrical and  
electronic engineering)
- 621.47  
B155s Bailey, Robert L.  
Solar-electrics : research and  
development / Robert L. Bailey. --  
Ann Arbor : Ann Arbor, c1980.  
xv, 372 p. : ill. ; 29 cm.
- 621.47  
H839s Howell, John R.  
Solar thermal energy systems :  
analysis and design / John R.  
Howell, Richard B. Bannerot, Gary C.  
Vliet. -- New York : McGraw-Hill,  
c1982.  
x, 406 p. ; 24 cm.
- 621.47  
K873s Solar energy handbook / editor, Jan  
F. Kreider, Frank Kreith. -- New  
York : McGraw-Hill, c1981.  
1 v. (various pagings) ; 24 cm.
- 621.484  
G914f Gross, Robert A.  
Fusion energy / Robert A. Gross. -  
New York : Wiley, c1984.  
xiii, 328 p. : ill. ; 24 cm.  
  
A Wiley-Interscience publication.
- 621.484  
St12f Stacey, Weston M.  
Fusion : an introduction to the  
physics and technology of magnetic  
confinement fusion / Weston M.  
Stacey. -- New York : Wiley, c1984.  
xiii, 260 p. : ill. ; 24 cm.  
  
A Wiley-Interscience publication.
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Sy68  
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Fusion technology, 1984 :  
proceedings. -- Oxford : Pergamon,  
c1984.  
2 v. (xxii, 1704) p. : ill. ; 30  
cm.
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Communities Joint Research Centre  
Ispra Establishment.  
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 In8 International Conference on Assembly  
 1984 Automation (5th : 1984 : Paris)  
 Assembly automation : proceedings  
 / ed. by J. Krautter. -- Amsterdam :  
 North-Holland, c1984.  
 vi, 354 p. : ill. ; 31 cm.
- 621.8  
 P242m Mechanical components handbook /  
 Robert O. Parmley. -- New York :  
 McGraw-Hill, c1985.  
 1 v. (various pagings) ; 24 cm.
- 621.82  
 M279d Dynamics of rotors : stability and  
 system identification / ed. by O.  
 Mahrenholz. -- Wien : Springer,  
 c1984.  
 509 p. : ill. ; 24 cm. --  
 (International Centre for Mechanical  
 Sciences. Courses and lectures ; no.  
 273)
- 621.822  
 G959a Gupta, Pradeep K.  
 Advanced dynamics of rolling  
 elements / Pradeep K. Gupta. --  
 Berlin : Springer, c1984.  
 xiv, 295 p. : ill. ; 25 cm.
- 621.838  
 C4202m Chen, Fan Yu.  
 Mechanics and design of cam  
 mechanisms / Fan Y. Chen. -- New  
 York : Pergamon, c1982.  
 xv, 523 p. : ill. ; 24 cm.
- 621.86  
 M232s Solids handling / ed. by Kenneth  
 McNaughton, the Staff of Chemical  
 Engineering. -- New York : McGraw-  
 Hill, c1981.  
 263 p. ; 29 cm.
- 621.89  
 L517 Leeds-Lyon Symposium on Tribology  
 1983 (10th : 1983 : Institut National  
 des Sciences Appliquées, Lyon)  
 Developments in numerical and  
 experimental methods applied to  
 tribology / ed. by D. Dowson ... [et  
 al.]. -- London : Butterworths,  
 c1984.  
 vii, 329 p. : ill. ; 31 cm.
- 624  
 P223p Parker, Albert D.  
 Planning and estimating heavy  
 construction / Albert D. Parker,  
 Donald S. Barrie, Robert M. Snyder.  
 -- New York : McGraw-Hill, c1984.  
 vi, 662 p. : ill. ; 25 cm.
- 624.151  
 H914g Hunt, Roy E.  
 Geotechnical engineering  
 investigation manual / Roy E. Hunt.  
 -- New York : McGraw-Hill, c1984.  
 xiii, 983 p. ; 25 cm. -- (McGraw-  
 Hill series in geotechnical  
 engineering)
- 624.1513  
 M621b Milligan, G. W. E.  
 BASIC soil mechanics / G. W. E.  
 Milligan, G. T. Housby. -- London :  
 Butterworths, 1984.  
 132 p. : ill. ; 22 cm.
- 624.175  
 K834aE Wind effects on civil engineering  
 structures / by V. Kolousek ...  
 [et al.]. -- Amsterdam : Elsevier,  
 1984.  
 571 p. ; 25 cm. -- (Studies in  
 wind engineering and industrial  
 aerodynamics ; 2)  
 Translation of: Aeroelasticita  
 stavebnich Konstrukci.
- 624.1776  
 K832hEK Kollar, Lajos.  
 Buckling of shells for engineers /  
 L. Kollar, E. Dulacska ; [tr. by L.  
 Kollar]. -- Chichester : Wiley,  
 c1984.  
 303 p. : ill. ; 25 cm.  
 Translation of: Hejak horpadasa.
- 624.1776  
 Ug9s Ugural, A. C.  
 Stresses in plates and shells / A.  
 C. Ugural. -- New York : McGraw-  
 Hill, c1981.  
 xv, 317 p. : ill. ; 25 cm.
- 624.18  
 H444b2 Herubin, Charles A.  
 Basic construction materials /  
 Charles A. Herubin, Theodore W.  
 Marotta. -- 2. ed. -- Reston :  
 Reston Publishing, c1981.  
 ix 563 p. : ill. ; 24 cm.

- 624.18  
J136c2 Civil engineering materials / ed. by N. Jackson. -- 2. ed. -- London : Macmillan, c1980. xi, 338 p. : ill. ; 24 cm.
- 624.1833  
B262s Structure and performance of cements / ed. by P. Barnes. -- London : Applied Science, c1983. xiii, 563 p. : ill. ; 23 cm.
- 624.1834  
L985c2 Lydon, F. D. Concrete mix design / F. D. Lydon. -- 2. ed. -- London : Applied Science Pub., c1982. xii, 198 p. ; 23 cm.
- 624.1834  
W642s Wilby, C. B. Structural concrete : materials, mix design, plain, reinforced and prestressed concrete, design tables / C. B. Wilby. -- London : Butterworths, c1983. xi, 256 p. : ill. ; 24 cm.
- 624.252  
F534f Fisher, John W. Fatigue and fracture in steel bridges : case studies / John W. Fisher. -- New York : Wiley, c1984. xix, 315 p. ; 24 cm.
- 625.4  
D46a De Silva, Clarence W. Automated-transit guideways : analysis and design / Clarence W. de Silva, David N. Wormley. -- Lexington : Heath, c1983. xiv, 276 p. : ill. ; 24 cm.
- 627  
D149e2 Dake, Jonas M. K. Essentials of engineering hydraulics / Jonas M. K. Dake. -- 2. ed. -- London : Macmillan, 1983. xvi, 418 p. : ill. ; 24 cm.
- 627.31  
M458d Mazurkiewicz, B. K. Design and construction of dry docks / by B. K. Mazurkiewicz. -- Houston : Gulf, 1981. x, 382 p. ; 29 cm.
- 628.1  
B261w Water and wastewater engineering systems / D. Barnes ... [et al.]. -- London : Pitman, 1981. xvi, 513 p. : ill. ; 23 cm.
- 628.1  
D492 v.17 International Conference on Time Series Methods in Hydrosciences (1981 : Burlington, Ontario) Time series methods in hydrosciences : proceedings / ed. by A. H. El-Shaarawi, in collaboration with S. R. Esterby. -- Amsterdam : Elsevier Scientific, c1982. x, 614 p. : ill. ; 25 cm. -- (Developments in water science ; 17)
- 628.13  
G823c Green, James Keith. Concrete liquid retaining structures : design, specification and construction / J. Keith Green, Philip H. Perkins. -- London : Applied Science, c1980. xiv, 355 p. : ill. ; 23 cm.
- 628.35  
J644g Johnston, James B. Genetic engineering and new pollution control technologies / by James B. Johnston, Susan G. Robinson. -- Park Ridge : Noyes, c1984. x, 131 p. ; 25 cm. -- (Pollution technology review ; no. 106)(Biotechnology review ; no. 3)
- 628.53  
C139h Handbook of air pollution technology / ed. by Seymour Calvert, Harold M. Englund. -- New York : Wiley, c1984. xi, 1066 p. : ill. ; 25 cm.
- 629.1323  
St84b Stribling, C. B. BASIC aerodynamics / C. B. Stribling. -- London : Butterworths, 1984. 162 p. : ill. ; 22 cm.
- 629.13431  
AL53i Allen, David H. Introduction to aerospace structural analysis / David H. Allen, Walter E. Haisler. -- New York : Wiley, c1985. xiii, 507 p. : ill. ; 25 cm.

- 629.8312  
V669c Vidyasagar, Mathukumalli.  
Control system synthesis : a factorization approach / M. Vidyasagar. -- Cambridge : MIT, c1985.  
[xii], 436 p. ; 24 cm. -- (MIT press series in signal processing, optimization, and control ; ?)
- 629.892  
D731r Dorf, Richard C.  
Robotics and automated manufacturing / Richard C. Dorf. -- Reston : Reston, c1983.  
xv, 190 p. : ill. ; 24 cm.
- 629.892  
H915i Hunt, V. Daniel.  
Industrial robotics handbook / V. Daniel Hunt. -- New York : Industrial Press, c1983.  
xiii, 432 p. : ill. ; 25 cm.
- 629.892  
R168r Ranky, Paul G.  
Robot modelling : control and applications with software / P. G. Ranky, C. Y. Ho. -- Kempston : IFS, c1985.  
361 p. : ill. ; 25 cm.
- 630.8  
In8 1982 International Summer School in Agriculture (2nd : 1982 : Royal Dublin Society)  
Cereal production / ed. by E. J. Gallagher. -- London : Butterworths, 1984.  
x, 354 p. : ill. ; 25 cm.
- 631.416  
L847c Golden Jubilee International Symposium on Copper in Soils and Plants (1981 : Murdoch Univ., Perth)  
Copper in soils and plants : proceedings / ed. by J. F. Loneragan, A. D. Robson, R. D. Graham. -- Sydney : Academic, c1981.  
xv, 380 p. : ill. ; 24 cm.
- 631.523  
G978g Stadler Genetics Symposium (16th : 1984 : Univ. of Missouri)  
Gene manipulation in plant improvement / ed. by J. P. Gustafson. -- New York : Plenum, c1984.  
xi, 668 p. ; 26 cm.
- 636.085  
P429a Perry, Tilden Wayne.  
Animal life-cycle feeding and nutrition / Tilden Wayne Perry. -- Orlando : Academic, c1984.  
xv, 319 p. : ill. ; 24 cm. -- (Animal feeding and nutrition)
- 636.30821  
L229g Genetics of reproduction in sheep / ed. by R. B. Land, D. W. Robinson. -- London : Butterworths, 1985.  
xi, 427 p. : ill. ; 25 cm.
- 639  
H191 v.1 Crustacean aquaculture / editor, James P. McVey. -- Boca Raton : CRC, c1983.  
442 p. ; 27 cm. -- (CRC handbook of mariculture ; v. 1)(CRC series in marine science)
- 641.1  
L853n Long, Patricia J.  
Nutrition : an inquiry into the issues / Patricia J. Long, Barbara Shannon. -- Englewood Cliffs : Prentice-Hall, c1983.  
xxi, 553 p. : ill. ; 24 cm.
- 641.1  
Sn54n Snook, Jean Twombly.  
Nutrition, a guide to decision-making / Jean Twombly Snook. -- Englewood Cliffs : Prentice-Hall, c1984.  
xv, 521 p. : ill. ; 24 cm.
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Se17d Seaquist, Edgar Oliver.  
Diagnosing and repairing house structure problems / Edgar O. Seaquist. -- New York : McGraw-Hill, c1980.  
x, 255 p. : ill. ; 25 cm.
- 660.2  
R145l Ramkrishna, Doraiswami.  
.Linear operator methods in Chemical engineering with applications to transport and chemical reaction systems / Doraiswami Ramkrishna, Neal R. Amundson. -- Englewood Cliffs : Prentice-Hall, c1985.  
xv, 471 p. ; 24 cm. -- (Prentice-Hall international series in the physical and chemical engineering sciences)

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W388b Weber, James H.  
Basic programs for chemical engineering design / James H. Weber.  
-- New York : Dekker, c1984.  
viii, 184 p. ; 24 cm. -- (Chemical industries ; v. 16)
- 660.2842  
Se68 v.2 Gas-liquid-solid systems / ed. by Larry Ricci, the Staff of Chemical Engineering. -- New York : McGraw-Hill, c1980.  
388 p. ; 29 cm. -- (Separation techniques ; 2)
- 660.2028542  
C314c Calculator programs for chemical engineers / ed. by Vincent Cavaseno, the Staff of Chemical Engineering ; calculator program tr. by William Volk. -- New York : McGraw-Hill, c1982.  
328 p. ; 29 cm.
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Y27f Yates, J. G.  
Fundamentals of fluidized-bed chemical processes / J. G. Yates. -- London : Butterworths, 1983.  
xiii, 222 p. : ill. ; 24 cm. -- (Butterworths monographs in chemical engineering)
- 660.28  
G835s Safe and efficient plant operation and maintenance / ed. by Richard Greene, the Staff of Chemical Engineering. -- New York : McGraw-Hill, c1980.  
x, 419 p. ; 29 cm.
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H589m Hines, Anthony L.  
Mass transfer : fundamentals and applications / Anthony L. Hines, Robert N. Maddox. -- Englewood Cliffs : Prentice-Hall, c1985.  
xiii, 542 p. : ill. ; 24 cm. -- (Prentice-Hall international series in the physical and chemical engineering sciences)
- 660.281  
M698d Mix, Paul E.  
The Design and application of process analyzer systems / Paul E. Mix. -- New York : Wiley, c1984.  
xiii, 312 p. : ill. ; 24 cm. -- (Chemical analysis ; v. 70)  
  
A Wiley-Interscience publication.
- 660.28427  
Az18h Azbel, David.  
Heat transfer applications in process engineering / by David Azbel. -- Park Ridge : Noyes, c1984.  
xii, 584 p. : ill. ; 25 cm.
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P859a Potvin, Jean.  
Applied process control instrumentation / Jean Potvin. -- Reston : Reston, c1985.  
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- 660.29368  
Ad95 v.27-28 Advances in cryogenic engineering / ed. by R. W. Fast. -- New York : Plenum, c1982.  
2 v. ; 26 cm.
- 660.283  
D411c3 Denbigh, Kenneth George.  
Chemical reactor theory : an introduction / K. G. Denbigh, J. C. R. Turner. -- 3. ed. -- Cambridge : Cambridge Univ. Press, c1984.  
x, 250 p. : ill. ; 24 cm.
- 660.297  
H588e Hine, Fumio.  
Electrode processes and electrochemical engineering / Fumio Hine. -- New York : Plenum, c1985.  
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- 660.2842  
Se68 v.1 Liquid-liquid systems / ed. by Larry Ricci, the Staff of Chemical Engineering. -- New York : McGraw-Hill, c1980.  
368 p. ; 29 cm. -- (Separation techniques ; 1)

- 660.2995  
H361c Hegedus, L. Louis.  
Catalyst poisoning / L. Louis Hegedus, Robert W. McCabe. -- New York : Dekker, c1984.  
vii, 114 p. : ill. ; 24 cm. -- (Chemical industries ; 17)
- The Contents of this book originally appeared in "catalysis reviews science and engineering, v. 23, no. 3, 1981, ed. by Heinz Heinemann, published by Marcel Dekker.
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B469s2 Bhatt, B. I.  
Stoichiometry / B. I. Bhatt, S. M. Vora. -- 2. ed. -- New Delhi : Tata McGraw-Hill, c1984.  
xv, 558 p. : ill. ; 24 cm.
- 661.8  
L972c Lundblad, Roger L.  
v.1-2 Chemical reagents for protein modification / Roger L. Lundblad, Claudia M. Noyes. -- Boca Raton : CRC, c1984.  
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- 662.6  
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V239t Valkovic, Vlado.  
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- 664.09  
H449f Food industry wastes : disposal and recovery / ed. by A. Herzka, R. G. Booth. -- London : Applied Science Pub., c1981.  
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Proceedings of the Symposium on 'Food Industry Waste : Disposal and Recovery' organised by the Association of Consulting Scientists and held in Norwich, UK, from 11 to 13 Nov. 1980.
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H439c7 Hersom, A. C.  
Canned foods : thermal processing and microbiology / A. C. Hersom, E. D. Holland. -- 7. ed. -- New York : Chemical Pub., 1981.  
ix, 380 p. ; 23 cm.
- 665.53  
G199p2 Gary, James H.  
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- 667.9  
P281s Paul, Swaraj.  
Surface coatings : science and technology / Swaraj Paul. -- Chichester : Wiley & Sons, c1985.  
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St81c Coatings and surface treatment for corrosion and wear resistance / editors, K. N. Strafford, P. K. Datta, C. G. Googan. -- Chichester : Ellis Horwood, 1984.  
362 p. : ill. ; 24 cm. -- (Industrial and applied technology)
- 668.413  
M582eE Michaeli, Walter.  
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xv, 447 p. : ill. ; 25 cm.  
  
Translation of:  
Extrusionswerkzeuge fuer Kunststoffe.
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Sp18h Heat and mass transfer in metallurgical systems / ed. by D. Brian Spalding, N. H. Afgan. -- Washington : Hemisphere Pub., c1981.  
x, 758 p. ; 25 cm.

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B329h NATO Advanced Research Institute on Hydrometallurgical Process Fundamentals (1982 : Churchill College)  
Hydrometallurgical process fundamentals / ed. by Renato G. Bautista. -- New York : Plenum, c1984.  
ix, 665 p. ; 26 cm. -- (NATO conference series. VI. materials science ; v. 10)
- 670  
AL79gEb Alting, Leo.  
Manufacturing engineering processes / Leo Alting ; English version ed. by Geoffrey Boothroyd. - New York : Dekker, c1982.  
xii, 367 p. : ill. ; 24 cm. -- (Manufacturing engineering and materials processing ; ?)  
Translation of: Grundlaeggende mekanisk teknologi.
- 669.142  
M357a Marshall, P.  
Austenitic stainless steels : microstructure and mechanical properties / P. Marshall. -- London : Elsevier Applied Science, c1984.  
xi, 431 p. : ill. ; 23cm.
- 670  
K295f Fabrication of composites / editors, A. Kelly, S. T. Mileiko. -- Amsterdam : North-Holland, 1983.  
xi, 574 p. : ill. ; 25 cm. -- (Handbook of composites ; v. 4)
- 669.142  
W153s Small-scale steelmaking / ed. by R. D. Walker. -- London : Applied Science, 1983.  
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R282i Rembold, Ulrich.  
Interface technology for computer-controlled manufacturing processes / Ulrich Rembold, Karl Armbruster, Wolfgang Uelzmann. -- New York : Dekker, c1983.  
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B279t Barry, B. T. K.  
Tin and its alloys and compounds / B. T. K. Barry, C. J. Thwaites. -- Chichester : Horwood, c1983.  
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- 671.3  
H242m Harris, John Noel.  
Mechanical working of metals : theory and practice / by John Noel Harris. -- Oxford : Pergamon, c1983.  
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J41e NATO International Symposium on the Electronic Structure and Properties of Hydrogen in Metals (1982 : Richmond)  
Electronic structure and properties of hydrogen in metals : proceedings / ed. by P. Jena, C. B. Satterthwaite. -- New York : Plenum, c1983.  
xv, 698 p. : ill. ; 26 cm. -- (NATO Conference series. VI, Materials science ; v. 6)
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T979p Production to near net shape : source book : a collection of outstanding articles from the technical literature / compiled by consulting editors, C. J. Van Tyne, B. Avitzur. -- Metals Park : American Society for Metals, c1983.  
401 p. : ill. ; 29 cm.
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Theory of structural transformations in solids / A. G. Khachaturyan. -- New York : Wiley, c1983.  
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conference / ed. by S. A. David. -  
- Metals Park : American Society  
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L221p The Physics of welding / ed. by J.  
F. Lancaster. -- Oxford :  
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social studies)
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T428c Thwaites, C. J.  
Capillary joining : brazing and  
soft-soldering / C. J. Thwaites. --  
Chichester : Wiley, c1982.  
xii, 211 p. ; 24 cm. -- (Materials  
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A. Niku-Lari. -- Oxford : Pergamon,  
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M522u Understanding copper alloys : the  
manufacture and use of copper and  
copper alloy sheet and strip / ed.  
by J. Howard Mendenhall. -- New  
York : Wiley, c1980.  
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Reprint of: 1977.
- 677.02825  
L584 v.3 pt.A Handbook of fiber science and  
technology / ed. by Menachem  
Lewin, Jack Preston. -- New York :  
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technology series ; v. 5)  
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technology fibers.
- 677.02864  
G639f From craft to industry : the  
ethnography of proto-industrial  
cloth production / ed. by Esther  
N. Goody. -- Cambridge : Cambridge  
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- 677.4745  
Ah52p Ahmed, Mukhtar.  
Polypropylene fibers - science and  
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Construction superintendent's job  
guide / Harvey V. Debo, Leo Diamant.  
-- New York : Wiley, c1980.  
xii, 166 p. : ill. ; 24 cm. --  
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xiii, 286 p. : ill. ; 25 cm. --  
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- 690.53 Sa17d Safarian, Sargis S.  
Design and construction of silos  
and bunkers / Sargis S. Safarian,  
Ernest C. Harris. -- New York :  
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Ah85s Ahuja, Hira N.  
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L811h Lockhart, Terence.  
Housing adaptations for disabled  
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