

제 61 호

서울대학교

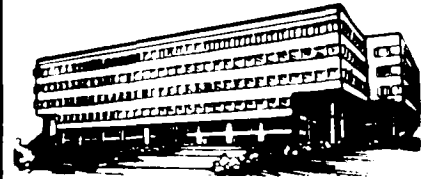
SEOUL NATIONAL UNIVERSITY

86년 5월 8일



도서관소식

LIBRARY NEWSLETTER



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○ 試驗期間中 閱覽室 全日開放

시험기간인 4월 14일부터 23일까지 10일간 본 도서관 자유열람실과 제 1 열람실(681석)을 24시간 개방하여 학생들에게 편의를 제공하였다. 앞으로도 계속 시험기간중에는 全日開放할 예정이며, 이 기간중 徹夜利用(23:00~06:00)學生은 연인원 2,765명으로 1일평균 270여명이 이용하였다.

○ 國際 圖書館間의 相互協力業務

大學 圖書館은 대학의 교육과 연구를 지원하기 위해 대학내의 教授 및 學生들에게 필요한 자료를 충분히 제공하는 것이 그 任務이며 役割이다. 그러나 오늘날의 情報社會에서는 막대한 양의 文獻과 情報가 쏟아져 나와 어떠한 선진국의 도서관도 利用者가 원하는 資料를 자체내에서 充당하기가 불가능하여 國家間의 相互協力(相互貸借)制度가 발달하게 되었다

본 도서관에서도 教授 및 學生들의 情報要求에 대하여 신속 정확하고 만족스러운 봉사를 제공하기 위하여 國際協力組織網을 통하여 國外 他圖書館所藏 資料까지도 入手 提供하여 學問研究를 돕고 있으며, 그 신청방법은 다음과 같다.

1. 대상기관 : 세계 모든국가의 도서관(단, 공산권국가 제외)

2. 자료의 범위 : 국내에 소장되어 있지 않은 간행물

3. 신청절차

- ① 서지실에 비치되어 있는 “자료 복제신청서”를 작성, 지도교수의 확인을 받아 참고서지과에 제출한다.
- ② 신청자료의 目錄書誌事項은 정확히 기재하여야 한다.

③ 신청서와 함께 送料(등기요금)는 선납해야 한다.

④ 복사요금은 자료도착후에 처리한다.

○ 本校 教授著書 寄贈

大學	著者	書名	出版社	發行年	寄贈日
師範大	鄭然泰	韓國科學教育의 오늘과 내일	한국방송사업단	1984	3.24
	〃	고등학교 과학영재아 실태조사와 1986대학 특별프로그램 참가자 선발기준 개발	한국물리학회	1986	〃
	〃	英才兒 實態調査 및 指導	〃	1986	〃
法大	崔鍾庫	法學史	經世院	1986	4. 1
社會大	裴茂基	韓國의 賃金	大學과 知性社	1985	4.10
	〃	勞動經濟學	經文社	1984	〃
	〃	韓國의 工業勞動研究	서울대 經濟研究所	1978	〃

○ 圖書寄贈

가. 2월 14일 본교 生藥研究所 尹惠淑교수의 母親이신 李禮淑씨가 商法論網의 147책

나. 3월 21일 서울대 출판부에서 都市交通計劃의 3책

다. 4월 4일 본교 법대 졸업생 金泰植씨의 父親이신 金龜南씨가 不法行爲論의 209책

라. 4월 10일 본교 사회대 裴茂基교수가 韓國賃金の 政策課題와 制度改善研究의 1책의 道서를 寄贈하였다.

本校 1986年2月 學位授與者 碩·博士 學位論文 登錄現況

대학별	학위별 구분		석사 학위		박사 학위	
			졸업인원	등록책수	졸업인원	등록책수
인문대		대	78	234	17	68
사회대		대	107	321	5	20
자연대		대	196	588	29	116
가정대		대	21	63	1	4
경영대		대	145	435	1	4
공과대		대	350	1,050	36	144
농과대		대	103	309	13	52
미술대		대	22	66	.	.
법과대		대	69	207	2	8
사범대		대	94	282	2	8
수의대		대	16	48	4	16
약학대		대	57	171	4	16
음악대		대	18	54	.	.
의과대		대	100	300	42	168
치과대		대	45	135	14	56
소계		계	1,421	4,263	170	680
보건대학원		원	43	129	3	12
행정대학원		원	102	306	2	8
환경대학원		원	45	135	.	.
소계		계	190	570	5	20
합계		계	1,611	4,833	175	700

○ 業務實績 및 現況

1986 年度 1/4 分期 當館의 業務實績은 다음과 같다.

1. 수서업무

장서 현황 총괄표

(1) 도서

1986. 3.31 현재 단위 : 책

분야별		구분	도서 수	비율(%)	비 고		
류 이 십 진 분 류 도 서	0. 총	류	57,714	4.5	• 농학, 의학, 법학분관포함. • 1/4 분기 증가책수 9,934 책		
	1. 철	학	21,120	1.7			
	2. 중	교	7,949	0.6			
	3. 사회 과학		182,656	14.4			
	4. 언 어		15,065	1.2			
	5. 순수 과학		106,585	8.4			
	6. 응용 과학		197,822	15.5			
	7. 예 술		23,337	1.8			
	8. 문 학		45,355	3.6			
	9. 역 사		47,122	3.7			
		소 계	704,725	55.4	소장 관 별	도 서 수	비율(%)
					본 관	1,090,608	86
재 래 식 분류 도서			422,198	33.2	농학계분관	78,233	6
규 장 각 도 서			129,454	10.2	의학계분관	76,414	6
미 정 리 도 서			15,956	1.2	법학분관	27,078	2
총 계			1,272,333	100	총 계	1,272,333	100

(2) 잡지·신문

단위 : 종

수입별 구분	구 입			수 증			합 계	비 고
	잡 지	신 문	계	잡 지	신 문	계		
동 서	354	18	372	2,504	10	2,514	2,886	
양 서	2,285	7	2,292	813	4	817	3,109	
계	2,639	25	2,664	3,317	14	3,331	5,995	

(3) 기타도서

을 종 자 료		마이크로필름		마이크로 휘 쉬	음 반	녹 데 이 프 음 프	규장각책판
동 서	양 서	등 록	비등록				
25,329	4,940	2,660	12,553	10 장	948 장	196 롤	17,821 장

2. 정리업무

신 규 도 서			재 정 리	합 계
동 양 서	서 양 서	계		
5,858	3,651	9,509	3,772	13,281

3. 봉사업무

구 분 \ 관 별	본 관	농 학 분 관	의 학 분 관	법 학 분 관
개 관 일 수	80	81	84	79
입 관 자 수	1,143,567	129,749	109,595	17,832
열 램 자 수	193,685	8,249	※ ———	20,083
열 램 책 수 (폐 가 제)	27,650	1,558	※ ———	939
개 가 실 출 입 자 수	186,332	7,719	109,595	19,664
대 출 책 수	14,505	2,115	1,166	6,150
좌 석 수	4,203	574	481	268

※ 파악되지 않았음.

○ 人事發令

1. 復 職

3.26 司書 崔奭鎭 의과대학 근무

2. 轉 補

3.26 의대 司書補 李始瑛 도서관 정리과 근무

新着圖書目錄

(自然科學篇)

東洋書

000 總類	9
500 純粹科學	10
600 技術科學(應用科學)	10

西洋書

000 Generalities	12
500 Pure sciences	14
600 Technology	23

000 總 類

R
013.37
Ih8 Ihwa Yeolja Daehag-gyo Gyoyug Daehag-weon.
1969/ (Seogsa hag-wi nonmun mogrog)
85 석사학위논문목록, 1969년 - 1985년 /
이화여자대학교 교육대학원 · 서울 :
同대학원, 1985.
91 p.; 21 cm.

R
013.3782
J466h Jeon-nam Daehag-gyo. Daehag-weon.
1956/83 (Hagwi nonmun chorogjib)
v.1-4 学位論文抄録集 / 全南大学校大学院 · 1956-
1983. 1-4. - 光州 : 全南大学校出版部, 1983.
4 책 ; 26 cm

내용 : 1. 工学 · 農学 · 自然科学系列 · - 2.
社会 · 人文 · 語文学系列 · - 3. 医学系列
碩士学位 · - 4. 医学系列博士学位

R
016.2
H193h Han-gug Sinhae Doseo-gwan Hyeob-euihoe.
1985 (Han-gug sinhae gwan-gye seog.bagsa..
한국신학관계석 · 박사학위논문목록집 /
한국신학도서관협의회편 · 1945-1985. -
서울 : 장로회신학대학출판부, 1985.
iv, 253 p.; 22 cm. - (신학문헌서지
총서 ; 6)

R
016.5
Se67y Seoul Daehag-gyo. Jayeon Gwahag
1979/83 Jonghab Yeon-guso.
(Yeon-gu eobjeogjib)
研究業績集. 1979-1983 / 서울大学校
自然科学綜合研究所 · 서울 : 同研究所.
1985.
107 p.; 26 cm.

R
016.628
G9395h Han-gug. Gugrib Hwan-gyeong Yeon-guso
v.2 (Hwan-gyeong bunya yeon-gu...)
環境分野研究論文抄録集 / 國立環境研究所 ·
第2輯 · 서울 : 同研究所, 1985.
455 p.; 26 cm

R
016.844
Su35f (France bungaku kenkyū bunken yōran)
.1945/78 프랑스 문학 연구 文献要覽 : 1945-1978
v.1-5 (戰後編) / 杉捷夫, 中条忍, 支倉崇晴,
風間研, 岡田恵子 編集 · 東京 :
日外アソシエーツ, 1981.
5 v.; 27 cm. - (20世紀文献要覽大系 ;
11)
第1卷. 総記 · - 第2卷. 作家 · 作品
A - F · - 第3卷. 作家 · 作品 G - Q · -
第4卷. 作家 · 作品 R - Z · - 第5卷. 索引 ·

R
017.96
G939s Han-gug. Gughoe Doseo-gwan.
1984 (Suseo mogrog)
收書目錄 / 國會圖書館 · 1984.1 ~ 1984.12.31.
- 서울 : 同圖書館, 1985.
ix, 573 p.; 26 cm.

R
017.96
H193ja Han-gug Jeon-gi Tongsin Gongsa.
1985 (Jangseo jonghab mogrog)
藏書綜合目錄 / 韓國電氣通信公社 · 1985.
- 서울 : 同公社, 1985.
ix, 752 p.; 27 cm.

R
017.97
Y43y Yeonse Daehag-gyo, Jung-ang Doseo-gwan.
1985 (Yeonse daehag-gyo sojang oe-gug...)
연세대학교소장의 국학술잡지종합목록 :
1985 / 연세대학교 중앙도서관 · 서울 :
同대학, 1985.
442 p.; 26 cm.

025.5
G533a (도서관이용과 연구논문작성법)
圖書館利用과 研究論文作成法 / 高漢宗 編著.
- 서울 : 景仁文化社, 1985.
278, xxxviii p.; 삽도 ; 23 cm.

R
031
J954j (VIP Jung-ang daebaeg-gwa)
VIP 中央大百科 / 中央日報社 · 서울 :
同日報社, 1985.
2209 p; 삽도 (색채) ; 27 cm

081
D13j Jo, Seong-ho.
v.26 (Ja-gi gongmyeong bangbeob)
자기공명방법 / 趙成浩 著. - 서울 : 氏
출판, 1985. -
315 p. ; 삽도 ; 23 cm. - (대우
학술총서 ; 26 : 자연과학)

081
Se39h Han-gug Jayu Gyoyang Chujinhoe.
v.13 (Yeolja)
열자 / 金敬琢 訳. - 서울 : 삼경당,
1985. -
429 p. ; 23 cm. - (世界古典全集
; 13)

081
D13m (Han-gug sahoe han sedae)
v.21 韓國社会 한 세대 : 變化的 動力 12가지
/ 金環東... [등저]. - 서울 : 서울大
学校出版部, 1985. -
228 p. ; 19 cm. - (대학교양총서
; 21)

- 510
K998s Kyōto Daigaku. Sūri Kaishaku Kenkyū-sho.
v.565- (Sūri kaishaku kenkyū-sho kōkyū-roku)
567 數理解析研究所研究録 / 京都大學數理解析
研究所. — 京都: 同研究所, 1985.
3 v.; 26 cm.
Contents:
565: マルチンゲールにおける最近の發見
566: グラフ理論とその応用
567: Topology and transformation
groups.
- 511.3
S01g 기호논리학 / 소광희 지음. — 서울: 經
文社, 1985. —
310 p.; 23 cm
- R
551.578
J954g Han-gug. Jung-ang Gisangdae.
v.1 (Han-gug gangsu jaryo)
한국강수자료. 1904-1960 / 중앙기상대.
제1권. — 서울: 同기상대, 1985.
278 p.; 27 cm.
- 574
J868d2 (대학생물과학)
大学生物科学 / 朱日永. . . [등서]. . . 該
訂版. — 서울: 光林社, 1984.
243 p.; 삽도; 24 cm
- 574.07
J256s (Saeng-mul-gwa gyosu-beob)
生物科教授法 / 張捕基. . . [等著]. . . 서
울: 宝晋齋, 1985. —
391 p.; 23 cm
- 574.951
H193y Han-gug Gwahag Gisulweon. Haeyang Yeon-guso.
(Han-gug yeon-an-yeog jonghab gaebal...)
韓國沿岸域綜合開發研究 / A Study
on the coastal zone man-
agement in Korea / 洪承漢. . .
[등연구]. — 과천: 科學技術處, 19
85. —
477 p. (접지); 삽도; 27 cm
- R
610.711
Se67g Seoul Daehag-gyo. Chi-gwa Daehag.
1985 Gyo-gwa Gwajeong Wiweonhoe.
(Gyo-gwa gwajeong yeon-gu)
教科課程研究: 學士 및 大學院課程, 1985 /
서울대학교齒科大學教科課程委員會. —
서울: 同委員會, 1985.
280 p.; 삽도; 26 cm.
- 611
C457g 기본 인제 해부학 / 최원봉. . . [等著]. . .
— 서울: 담양당, 1984. —
364 p.; 삽도; 27 cm
- 614
H193 Han-gug In-gu Bo-geon Yeon-guweon.
1984 (Yeon-gu gyeol-gwa yoyag jonghab bo-go-seo)
(1984年度) 研究結果要約綜合報告書 / [韓
國人口保健研究院 편]. — [서울]: 韓
國人口保健研究院, 1985. —
81 p.; 26 cm
- 616.1
Se67s Seoul Daehag-gyo. Eui-gwa Daehag.
(Simjanghag)
심장학 / 서울대학교의과대학 편. — 서울
: 서울대학교출판부, 1985. —
256 p.; 삽도; 27 cm
- 616.15
Se67h Seoul Daehag-gyo. Eui-gwa Daehag.
(Hyeol-aeghag)
혈액학 / 서울대학교의과대학 편. — 서울
: 서울대학교출판부, 1985. —
284 p.; 26 cm
- 616.4
Se67n Seoul Daehag-gyo. Eui-gwa Daehag.
(Nae-bunbihag)
내분비학 / 서울대학교의과대학 편. — 서울
: 서울대학교출판부, 1985. —
256 p.; 삽도; 27 cm
- 620.00151
K889a5Ky (공업수학)
工業数学 / Erwin Kreyszig 著
; 金永俊 編訳. — 서울: 東明社, 1
985. —
iv, 624 p.; 삽도; 27 cm
원서명: Advanced engineering
mathematics. — 5 ed.
- 620.0071
Sa16 (Saesidae e jeog-eung ha-neun gonghag...)
새 시대에適應하는 工學教育의 改善方案에 관
한 研究 / 康明順. . . [등연구]. — [서
울]: 學術院自然科學部會第3分科會, 19
85. —
185 p.; 26 cm

620.1
Y63g (공업역학)
工業力学 / 李守鍾. . . [등저]. - 서울
: 東明社, 1985. -
373 p. ; 27 cm

R
621.303
D13j (Jeon-gi yong-eojib)
電氣用語集: 電氣; 電子·通信·電算 /
大韓電氣學會. - 서울: 尙學會, 1981.
414 p.; 19 cm.

R
621.38
J466j (Jeon-gi tongsin yeon-gam)
1985 電氣通信年鑑, 1985 / 電子時報社. -
서울: 同社, 1985.
938 p.: 도판 ; 27 cm.

621.43
H19n (내연기관)
(新制) 內燃機關 / 韓英出; 李昇雨; 裒
元燮 共著. - 서울: 文運堂, 1985
349 p. ; 삽도 ; 24 cm

621.80184
Y97g (기계설계프로그램법)
機械設計 프로그램法 / 尹甲英 著. - 서울
: 喜童堂, 1985. -
178 p. ; 삽도 ; 26 cm

621.81
H193s Han-gug Gi-gye Yeon-guso. Gi-eob Gisul
Jiweon Center.
(Siheom geomsa gisul baegseo)
試驗檢査技術白書: 工作機械 中心으로 / 韓
正彬. . . [등연구]. - 서울: 韓國機械研
究所 企業技術支援센터, 1985. -
134 p. ; 26 cm

621.93 Weck, M.
W411Ky (Jeolsag gongjag gi-gye eui dongteugseong)
切削工作機械의 動特性: 그 影響 및 評價를
위한 測定技術 / M. Weck; K. Tei-
pel 共著; 李長茂; 金光駿 共譯. -
서울: 大光文化社, 1985. -
240 p. ; 23 cm

622.026
G429g Gim, Yeon-seung.
(Gwang-eob-beob bigyo yeon-gu)
鉍業法比較研究 / 金演昇. - 서울: 韓國
動力資源研究所, 1985. -
707 p. ; 23 cm

624.157
H193s Han-gug Geonseol Gisul Yeon-guweon.
(Sujung concrete e gwanhan choesin gongbeob...
水中콘크리트에 관한 最新工法의 比較研究 -
A Comparative study of
recent underwater concrete
construction method /
沈在範. . . [등연구]. - [서울]: 韓國
建設技術研究院, 1985. -
271 p. (접지) ; 삽도 ; 26 cm. -
(建技研 ; 85-C-7)

624.2
G292j Han-gug. Geonseolbu. Iri Ji-bang Gugto
Gwanricheong.
(Jindo mit Dolsan dae-gyo gongsaji)
珍島 및 突山大橋 工事誌 / 「建設部 裡里地
方国土管理庁 刊」. - [이리]: 建設部
裡里地方国土管理庁, 1985. -
159 p. ; 도판 ; 26 cm

628.167
H193d (Damsuhwa gisul)
淡水化技術 / 高錫汶. . . [등편]. - 인천
: 韓國建設技術研究院, 1985. -
477 p. ; 삽도 ; 23 cm

676.065
J466j (Jeonju jeji isib nyeonsa)
1965/85 全州製紙二十年史: 1965-1985 / 韓
東羽 編. - 서울: 全州製紙, 1985
502 p. ; 삽도, 초상화, 약보 ; 27 cm

690.012
H193g Han-gug Geonseol Gisul Yeon-guweon.
(Geonseol bunryu system eui hyeonhwang...)
建設分類시스템의 現況과 開發方向 = Stat
us and direction of deve
lopment in construction
classification systems /
朴景允; 權五龍; 黃榮三 [공동연구].
- [서울]: 韓國建設技術研究院, 198
5. -
265 p. ; 삽도 ; 26 cm. - (建技
研 ; 85-P-4)

000 GENERALITIES

- 001.424
HS16s
v.1-2 Heyman, Daniel P.
Stochastic models in operations
research / Daniel P. Heyman, Matthew
J. Sobel. -- New York : McGraw-Hill,
c1984.
xv, 555 p. ; 24 cm. -- (McGraw-
Hill series in quantitative methods
for management)
- Contents: v. 1. Stochastic
processes and operating
characteristics -- v. 2. Stochastic
optimization.
- 001.539
L63e Lin, Shu.
Error control coding :
fundamentals and applications / Shu
Lin, Daniel J. Costello. --
Englewood Cliffs : Prentice-Hall,
c1983.
xvi, 603 p. : ill. ; 25 cm. --
(Prentice-Hall computer applications
in electrical engineering series)
- 001.6
W385f Webber, Bonnie Lynn.
A Formal approach to discourse
anaphora / Bonnie Lynn Webber. --
New York : Garland Pub., c1979.
1 v. (various pagings) --
(Outstanding dissertations in
linguistics)
- Originally presented as the
author's thesis, Harvard, 1978.
- R
001.64
M887d Mueller, Dieter.
Dictionary of microprocessor
systems : in four languages English,
German, French, Russian / Dieter
Mueller, Rene Schulz, Jurij
Vladimirovic Chapancev ; ed. by
Dieter Mueller. -- Amsterdam :
Elsevier, 1984.
312 p. ; 25 cm.
- 001.64
P119
1985 Pacific Computer Communications
Symposium (1st : 1985 : Seoul)
Proceedings / sponsors, Korea
Advanced Institute of Science and
Technology, Electronics and
Telecommunication Research
Institute. -- Seoul : KAIST, c1985.
xviii, 599 p. : ill. ; 30 cm.
- 001.64
P119t
1985
v.1 Blanc, Robert.
Computer network protocols for
open systems interconnections /
Robert Blanc. -- Seoul : KAIST,
1985.
133 p. : ill. ; 26 cm.
- At head of title: Tutorial on.
[Reported by] Pacific Computer
Communications Symposium (1st :
1985)
- 001.64
P119t
1985
v.2 Schneidewind, Norm.
Software engineering for
distributed computing systems / Norm
Schneidewind. -- Seoul : KAIST,
1985.
75 p. : ill. ; 26 cm.
- At head of title: Tutorial on.
[Reported by] Pacific Computer
Communications Symposium (1st :
1985)
- 001.64
P119t
1985
v.3 Berra, Bruce.
Computer architecture for data and
knowledge bases / Bruce Berra. --
Seoul : KAIST, 1985.
116 p. : ill. ; 26 cm.
- At head of title: Tutorial on.
[Reported by] Pacific Computer
Communications Symposium (1st :
1985)
- 001.64
P119t
1985
v.4 Pouzin, Louis.
Communication networks : services
and protocols / Louis Pouzin. --
Seoul : KAIST, 1985.
220 p. : ill. ; 26 cm.
- At head of title: Tutorial on.
[Reported by] Pacific Computer
Communications Symposium (1st :
1985)
- 001.64
P442o Peterson, James Lyle.
Operating system concepts / James
L. Peterson, Abraham Silberschatz.
-- Reading : Addison-Wesley, c1983.
548 p. ; 25 cm.
- 001.642
W631a Wichmann, B. A.
ALGOL 60 compilation and
assessment / B. A. Wichmann. --
London : Academic, c1973.
vi, 320 p. : ill. ; 24 cm. --
(A.P.I.C. Studies in data processing
; no. 10)

- 001.6425
F875d Freedman, M. David.
Designing systems with
microcomputers : a systematic
approach / M. David Freedman,
Lansing B. Evans. -- Englewood
Cliffs : Prentice-Hall, c1983.
xviii, 332 p. ; 25 cm.
- 001.6425
L628c Lim, Pacifico A.
CICS/VS command level with ANS
COBOL examples / Pacifico A. Lim. --
New York : Reinhold, 1982.
xix, 550 p. ; 24 cm. -- (Van
Nostrand Reinhold data processing
series)
- R
013.3782
B411r Belgium. Ministere des Affaires
1982/83 Etrangeres.
Repertoire des theses de doctorat,
1982-1983 / Ministere des Affaires
Etrangeres. -- Brussel : Ministere
des Affaires Etrangeres, [1983].
224 p. ; 21 cm.
- R
016.301322
F247i Farren, Mark, comp.
Infant mortality and health in
Latin America : an annotated
bibliography from the 1979-82
literature (includes Spanish,
Portuguese, and French entries) /
compiler, Mark Farren. -- Ottawa :
International Development Research
Centre, c1984.
172 p. ; 25 cm.
- R
016.5
H365 Cassidy, David.
Werner Heisenberg : a bibliography
of his writings / David Cassidy,
Martha Baker. -- Berkeley : Univ. of
California, 1984.
153 p. ; 22 cm. -- (Berkeley
papers in history of science ; 9)
- R
016.509794
R435g Rider, Robin E.
Guide to sources in Northern
California for history of science
and technology / Robin E. Rider,
Henry E. Lowood. -- Berkeley : Univ.
of California, c1985.
194 p. : ill. ; 22 cm. --
(Berkeley papers in history of
science ; 10)
- R
016.581
B464g Bessey, Charles E., 1845-1915.
Guide and index to the microfilm
edition of the Charles E. Bessey
papers (1865-1915) / editors, Joseph
G. Svoboda, Patricia Churray. --
Lincoln : The Univ. at Lincoln,
1984.
198 p. ; 23 cm. -- (University of
Nebraska studies : new series ; no.
67)
- R
016.62
Il6e University of Illinois at Urbana-
1984-85 Champaign. College of
Engineering.
The Summary of engineering
research, 1984-85 / Univ. of
Illinois at Urbana-Champaign. --
Urbana : Univ. of Illinois at
Urbana-Champaign, 1985.
2 v. : ill. ; 28 cm.

A Report of activities during
calendar year 1983-1984.
- 020.621
In8a International Federation of Library
1984 Associations and Institutions.
IFLA annual, 1984 / International
Federation of Library Associations
and Institutions. -- Muenchen :
Saur, c1985.
194 p. ; 24 cm.

Proceedings of the 50th General
Conference, Nairobi, 1984.
- R
032
En19X The New encyclopaedia britannica :
1985 the index. -- 15. ed. -- Chicago :
v.1-2 Encyclopaedia Britannica, 1985.
2 v. : ill. ; 28 cm.

Contents: [v. 1]. A-K -- [v. 2].
L-Z.
- R
032
En19bg The New encyclopaedia britannica :
1985 prodaedia, outline of knowledge
and guide to the britannica. --
15. ed. -- Chicago : Encyclopaedia
Britannica, c1985.
212 p. ; ill. ; 28 cm.
- R
032
En19bi The New encyclopaedia britannica. --
1985 15. ed. -- Chicago : Encyclopaedia
v.1-29 Britannica, c1985.
29 v. : ill. ; 29 cm.

Contents: v. 1-12. The New
encyclopaedia britannica :
micropaedia, ready reference -- v.
13-29. The New encyclopaedia
britannica : macropaedia, knowledge
in depth.
- R
032
W893w The World book encyclopedia. --
v.1-22 Chicago : World Book, c1984.
22 v. : col. ill. ; 26 cm.

Contents: v. 1-22.
- 082
Sci27 The Prompt report of the third
v.3 scientific survey of the South
Pacific. -- Suva : The Univ. of
the South Pacific, c1984.
94 p. ; 26 cm.

500 PURE SCIENCES

- 507
As42
1985 Asian-Pacific Conference on Science Education (1st : 1983 : Taipei) Proceedings of the first Asian-Pacific conference on science education / Cultural and Social Centre for the Asian and Pacific Region, Seoul, Korea, National Taiwan Normal University, Taipei, R.O.C. -- Seoul : Cultural and Social Centre for the Asian and Pacific Region, c1985. 594 p. : ill., photos (col.) ; 25 cm.
- 大
507
In8d
1980 International CODATA Conference (7th : 1980 : Kyoto) Data for science and technology : proceedings / ed. by Phyllis S. Glaeser. -- Oxford : Pergamon, c1981. xxii, 615 p. : ill. ; 31 cm.
- 510
H675f Hoffmann, Laurence D. Finite mathematics with applications / Laurence D. Hoffmann, Michael Orkin. -- New York : McGraw-Hill, c1979. viii, 295 p. : ill. ; 25 cm. "Reprinted from Mathematics with applications."
- 510.8
Ad26
v.24 Wagon, Stan. The Banach-tarski paradox / Stan Wagon. -- Cambridge : Cambridge Univ. Press, c1985. xvi, 251 p. ; 24 cm. -- (Encyclopedia of mathematics and its applications ; v. 24)
- 510.8
Am35m
v.327 Diaz, Steven. Exceptional Weierstrass points and the divisor on moduli space that they define / Steven Diaz. -- Providence : AMS, c1985. iv, 69 p. : ill. ; 26 cm. -- (Memoirs of the American Mathematical Society ; no. 327)
- 510.8
Am35m
v.328 Liu, Tai-Ping. Nonlinear stability of shock waves for viscous conservation laws / Tai-Ping Liu. -- Providence : AMS, 1985. v, 108 p. : ill. ; 26 cm. -- (Memoirs of the American Mathematical Society ; no. 328)
- 510.8
Am35m
v.329 Aisbett, Janet E. On $K(Z/n)$ and $K(F_9[t]/(t))$ / Janet E. Aisbett, Emilio Lluís-Puebla, Victor Snaith ; with an appendix by Christophe Soule. -- Providence : American Mathematical Society, c1985. vi, 200 p. : ill. ; 25 cm. -- (Memoirs of the American Mathematical Society ; no. 329)
- 510.8
Am35m
v.330 Arlinghaus, William C. The Classification of minimal graphs with given abelian automorphism group / William C. Arlinghaus. -- Providence : American Mathematical Society, c1985. 86 p. : ill. ; 26 cm. -- (Memoirs of the American Mathematical Society ; no. 330)
- 510.8
Am35m
v.331 Blei, Ron C. Fractional dimensions and bounded fractional forms / Ron C. Blei. -- Providence : American Mathematical Society, 1985. 70 p. ; 26 cm. -- (Memoirs of the American Mathematical Society ; no. 331)
- 510.8
Am35m
v.332 Knoebel, Arthur. The Equational classes generated by single functionally precomplete algebras / Arthur Knoebel. -- Providence : American Mathematical Society, c1985. 83 p. : ill. ; 26 cm. -- (Memoirs of the American Mathematical Society ; no. 332)
- 510.8
Am35m
v.333 Mitchell, Barry. Separable algebroids / Barry Mitchell. -- Providence : American Mathematical Society, c1985. 96 p. : ill. ; 26 cm. -- (Memoirs of the American Mathematical Society ; no. 333)

- 510.8
Am35m
v.334 Droste, Manfred.
Structure of partially ordered sets with transitive automorphism groups / Manfred Droste. -- Providence : American Mathematical Society, c1985.
100 p. : ill. ; 26 cm. -- (Memoirs of the American Mathematical Society ; no. 334)
- 510.8
Q31
no.63 Nielsen, Ole A.
Unitary representations and coadjoint orbits of low-dimensional nilpotent Lie groups / by Ole A. Nielsen. -- Kingston : Queen's Univ., c1983.
xiii, 117 p. ; 27 cm. -- (Queen's papers in pure and applied mathematics ; no. 63)
- 510.8
Q31
no.65 Husserl, E.
Contributions a la theorie du calcul des variations / par E. Husserl, edition critique par J. Vauthier. -- Kingston : Queen's University, c1983.
88 p. ; 28 cm. -- (Queen's papers in pure and applied mathematics ; no. 65)
- 512
L256a2 Lang, Serge.
Algebra / Serge Lang. -- 2. ed. -- Menlo Park : Addison-Wesley, c1984.
xv, 714 p. : ill. ; 24 cm.
- 512.13
Si53a Simon, Arthur B.
Algebra and trigonometry with analytic geometry / Arthur B. Simon. -- San Francisco : Freeman, c1979.
xii, 533 p. : ill. ; 24 cm. -- (A Series of books in the mathematical sciences)
- 512.22
L989g Lyndon, Roger C.
Groups and geometry / Roger C. Lyndon. -- Cambridge : Cambridge Univ. Press, c1985.
217 p. : ill. ; 23 cm. -- (London Mathematical Society lecture note series ; 101)

Revised from Groupes et Geometrie by A. Boidin, A. Fromageot, R. Lyndon, Cours 1980-81, Univ. de Picardie, Amiens.
- 512.5
N814m Northcott, D. G.
Multilinear algebra / D. G. Northcott. -- Cambridge : Cambridge Univ. Press, c1984.
x, 198 p. : ill. ; 24 cm.
- 515
C885t Crowder, Harold K.
Topics in higher analysis / Harold K. Crowder, S. W. McCuskey. -- New York : Macmillan, 1964.
xi, 545 p. : ill. ; 25 cm.
- 515.33
M451
v.3 Maxwell, Edwin Arthur.
An Analytical calculus for school and university / by E. A. Maxwell. -- Cambridge : Univ. Press, 1954.
vii, 195 p. : ill. ; 23 cm.

Contents: v. 3.
- 515.9
T144f
v.2 Tall, David Orme.
Functions of a complex variable / D. O. Tall. -- London : Paul, c1970.
viii, 80 p. ; 19 cm. -- (Library of mathematics)

Contents: v. 2.
- 516.362
Qb1m Minimal submanifolds and Geodesics : proceedings of the Japan-United States Seminar on Minimal Submanifolds, including Geodesics / ed. by Morio Obata. -- Amsterdam : North-Holland Pub., c1978.
x, 292 p. : ill. ; 25 cm.
- 519.2
B469e2 Bhat, U. Narayan.
Elements of applied stochastic processes / U. Narayan Bhat. -- 2. ed. -- New York : Wiley, c1984.
xvi, 685 p. : ill. ; 24 cm. -- (Wiley series in probability and mathematical statistics. Applied probability and statistics)
- 519.5024553
C548p Clark, Isobel.
Practical geostatistics / Isobel Clark. -- London : Applied Science, c1979.
xii, 129 p. : ill. ; 23 cm.
- 521.5409
J211p Jaki, Stanley L.
Planets and planetarians : a history of theories of the origin of planetary systems / Stanley L. Jaki. -- New York : Wiley & Sons, [1977]
266 p. : ill. ; 25 cm.
- MA
523.7
H836a Howard, Robert.
Atlas of solar magnetic fields / Robert Howard, V. Bumba, Sara F. Smith. -- Washington, D.C. : Carnegie Institution of Washington Pub., 1967.
14 p., 16 maps ; 30 x 75 cm.

- 523.75
8739s Bray, R. J.
The Solar chromosphere / R. J. Bray, R. E. Loughhead. -- London : Chapman, c1974.
xix, 384 p. : ill. ; 24 cm. -- (The International astrophysics series)
- 526
R56n Robinson, Arthur Howard.
The Nature of maps : essays toward understanding maps and mapping / Arthur H. Robinson, Barbara Bartz Petchenik. -- Chicago : Univ. of Chicago Press, c1976.
xi, 138 p. : ill. ; 23 cm.
- 530.11
W142g Wald, Robert M.
General relativity / Robert M. Wald. -- Chicago : Univ. of Chicago Press, c1984.
xiii, 491 p. : ill. ; 24 cm.
- 530.143
Um2t Umezawa, Hiromi.
Thermo field dynamics and condensed states / H. Umezawa, H. Matsumoto, M. Tachiki. -- Amsterdam : North-Holland, 1982.
xvi, 591 p. ; 23 cm.
- 530.41
In8e
1982 International Conference on Ion Implantation : Equipment and Techniques (4th : 1982 : Berchtesgaden, F.R. Germany)
Ion implantation : equipment and techniques : proceedings / editor, H. Ryssel, H. Glawischnig. -- Berlin : Springer-Verlag, 1983.
x, 556 p. : ill. ; 24 cm. -- (Springer series in electrophysics ; 11)
- 530.41
St86f Stringer, John.
An Introduction to the electron theory of solids / John Stringer. -- Oxford : Pergamon, c1967.
ix, 246 p. : ill. ; 20 cm. -- (The Commonwealth and international library. Metallurgy Division)
- 531.11
G875t Griffiths, J. B.
The Theory of classical dynamics J. B. Griffiths. -- Cambridge : Cambridge Univ. Press, c1985.
xiv, 315 p. : ill. ; 24 cm.
- 531.3823
N28m Necas, Jindrich.
Mathematical theory of elastic and elasto-plastic bodies : an introduction / Jindrich Necas, Ivan Hlavacek. -- Amsterdam : Elsevier, 1981.
342 p. : ill. ; 25 cm. -- (Studies in applied mechanics ; 3)
- 532.05
T188t International Symposium on Turbulence and Chaotic Phenomena in Fluids (1983 : Kyoto)
Turbulence and chaotic phenomena in fluids : proceedings / ed. by Tomomasa Tatsumi. -- Amsterdam : North-Holland, c1984.
xiii, 556 p. : ill. ; 23 cm. -- (International union of theoretical and applied mechanics)
- 535.082
W831p
v.22 Progress in optics / ed. by E. Wolf. -- Amsterdam : North-Holland, 1985.
xvii, 422 p. ; 23 cm.

Contents: v. 22.
- 535.58
M361a NATO Advanced Study Institute on Analytical Laser Spectroscopy (1982 : Ettore Majorana International Centre for Scientific Culture)
Analytical laser spectroscopy / ed. by S. Martellucci, A. N. Chester. -- New York : Plenum, c1985.
viii, 290 p. : ill. ; 26 cm. -- (NATO Advanced Science Institute Series. Series B, Physics ; v. 119)
- 535.84
P316i4 Pearse, Reginald William Blake.
The Identification on molecular spectra / R. W. B. Pearse, A. G. Gaydon. -- 4. ed. -- London : Chapman, c1976.
viii, 407 p. : ill. ; 26 cm.
- 537.622
R197i Ravi, K. V.
Imperfections and impurities in semiconductor silicon / by K. V. Ravi. -- New York : Wiley, c1981.
xiv, 379 p. : ill. ; 24 cm. -- (A Wiley Interscience publication)
- 537.623
Sch74tr Schrieffer, John Robert.
Theory of superconductivity / J. R. Schrieffer. -- London : Benjamin 1983.
xviii, 332 p. ; 24 cm. -- (Frontiers in physics lecture note series ; 20)

Third printing, revised 1983 with appendix: nobel lectures, Dec. 11, 1972, by J. R. Schrieffer, Leon N. Cooper, and John Bardeen.

- 538.3
M623h A History of engineering and science in the bell system : physical sciences (1925-1980) / editor, S. Millman. -- [S.l.] : Bell Telephone Laboratories, c1983. xxi, 674 p. : ill. ; 24 cm.
- 539.754
C392f Europhysics Topical Conference on Flavor Mixing in Weak Interactions (1984 : Erice, Sicily)
Flavor mixing in weak interactions / ed. by Ling-Lie Chau. -- New York : Plenum, c1984. xii, 803 p. : ill. ; 26 cm. -- (Ettore Majorana international Science series ; v. 20)
- 539.754
G485d Glendenning, Norman K.
Direct nuclear reactions / Norman K. Glendenning. -- New York : Academic, 1983. xviii, 378 p. : ill. ; 24 cm.
- 540
Si15g Siebring, B. Richard.
General chemistry / B. Richard Siebring, Mary Ellen Schaff. -- Belmont : Wadsworth, c1980. xv, 832, 14 p. ; 24 cm.
- 540.2
St32c2 Steedman, William.
Chemistry for the engineering and applied sciences / by W. Steedman, R. B. Snadden, I. H. Anderson. -- 2. ed. -- Oxford : Pergamon, c1980. viii, 449 p. : ill. ; 21 cm. -- (Pergamon International Library of science, technology, engineering and social studies)
- 540.941
D719p Donovan, Arthur L.
Philosophical chemistry in the Scottish enlightenment : the doctrines and discoveries of William Cullen and Joseph Black / A. L. Donovan. -- Edinburgh : Edinburgh Univ. Press, 1975. x, 343 p. ; 22 cm.
- 541.2
C832v2 Coulson, Charles Alfred.
Valence / by C. A. Coulson. -- 2. ed. -- New York : Oxford Univ. Press, 1961. ix, 404 p. : ill. ; 23 cm.
- 541.3
B443 v.1 Experimental results from the design institute for physical property data / editors, Montford S. Benson, David Zudkevitch. -- New York : American Institute of Chemical Engineers, c1985. 164 p. : ill. ; 28 cm. -- (American Institute of Chemical Engineers. Symposium series ; v. 81, no. 244)
Contents: I. Phase equilibria.
- 541.372
Au72a Adsorption and ion exchange : recent developments / editors, J. P. Ausikaitis, A. L. Myers. -- New York, American Institute of Chemical Engineers, c1985. iv, 94 p. : ill. ; 28 cm. -- (AIChE symposium series ; no. 242)
- 541.395
R299 1984 ROC/ROC Joint Workshop on Catalysis (2nd : 1984 : Hsinchu, Taiwan)
Proceedings. -- Hsinchu : UCL-ITRI, 1984. vi, 316 p. : ill. ; 27 cm.
- 541.395
R299 1985 ROK/ROC Joint Workshop on Catalysis (3rd : 1985 : Daejeon)
Proceedings. -- Daejeon : KRICT, 1985. 317 p. : ill. ; 27 cm.
- 543
M72a v.2 Guilbault, George G.
Analytical uses of immobilized enzymes / George G. Guilbault. -- New York : Dekker, c1984. ix, 453 p. : ill. ; 24 cm. -- (Modern monographs in analytical chemistry ; 2)
- 547
C847e Cram, Jane M.
The Essence of organic chemistry / Jane M. Cram, Donald J. Cram. -- Reading : Addison-Wesley, c1978. xv, 456, 9 p. : ill. ; 27 cm.
- 547.41
C32pE Ceausescu, Elena.
Stereospecific polymerization of isoprene / by Elena Ceausescu. -- Oxford : Pergamon, c1983. x, 280 p. ; 24 cm.
Translation of: Polimerizarea stereospecifica a izoprenului.

- 547.7
F491c Residential School of the Royal Society of Chemistry on Water Soluble Polymers (1981 : Newnham College)
Chemistry and technology of water-soluble polymers / ed. by C. A. Finch. -- New York : Plenum, c1983. xv, 358 p. ; 26 cm.
- 547.75
C874h2 Croft, Laurence Raymond.
Handbook of protein sequence analysis : a compilation of amino acid sequences of proteins with an introduction to the methodology / L. R. Croft. -- 2. ed. -- Chichester : Wiley & Sons, c1980. xiv, 628 p. : ill. ; 24 cm.
- 547.84
M593p Miles, D. C.
Polymer technology / by D. C. Miles, J. H. Briston. -- New York : Chemical Pub., c1979. 707 p. : ill. ; 23 cm.
- 547.84
P769
v.21 Symposium on Modification of Polymers (1982 : Las Vegas)
Modification of polymers : proceedings / ed. by Charles E. Carraher, James A. Moore. -- New York : Plenum, c1983. ix, 420 p. : ill. ; 26 cm. -- (Polymer science and technology ; v. 21)
Proceedings of a symposium on modification of polymers, held March 29-31, 1982, at the ACS Meeting, in Las Vegas, Nevada.
- 549.6
V542c Velde, B.
Clay minerals : a physico-chemical explanation of their occurrence / B. Vedle. -- Amsterdam : Elsevier, c1985. xiii, 427 p. : ill. ; 25 cm. -- (Developments in sedimentology ; 40)
- 551.14
M481t2 Melchior, Paul J.
The Tides of the planet earth / by Paul Melchior. -- 2. ed. -- Oxford : Pergamon, c1983. xii, 641 p. : ill. ; 24 cm.
- 551.4509741
Sh64g Shipp, R. Craig.
Geomorphologic trends in a glaciated coastal bay : a model for the maine coast / R. Craig Shipp, Stephanie A. Staples, Walter H. Adey. -- Washington : Smithsonian Institute, 1985. iii, 76 p. : ill. ; 26 cm. -- (Smithsonian contributions to the marine sciences ; no. 25)
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B758o Oceanography : the present and future / ed. by Peter G. Brewer. -- New York : Springer, c1983. xii, 392 p. : ill. ; 25 cm.
From the proceedings of Will we use the oceans wisely--the next fifty years in oceanography, held Sep. 29-Oct. 2, 1980, at the Woods Hole Oceanographic Institution, Woods Hole, MA, USA.
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M338
v.14 Environmental effects of offshore oil production : the buccaneer gas and oil field study / ed. by Brian S. Middleditch. -- New York : Plenum, c1981. xvii, 446 p. ; 26 cm. -- (Marine science ; 14)
- 551.4608
H193a Acoustostratigraphy and facies development of quaternary sediments in the Southeastern Yellow Sea / by C. S. Kim ... [et al.]. -- Seoul : Korea Institute of Energy and Resources, 1985. 32 p. : ill. ; 26 cm.
- 551.577
H393k Henning, Ingrid.
Die klimatologische Wasserbilanz der Kontinente : ein Beitrag zur Hydroklimatologie / Ingrid Henning, Dieter Henning. -- Paderborn : Schoeningh, c1984. 83, [80] p. : ill. ; 30 cm. -- (Muenstersche geographische Arbeiten ; Heft. 19)
- 551.6
O14c Oliver, John Edward.
Climatology : selected applications / John E. Oliver. -- New York : Wiley & Sons, c1981. ix, 260 p. : ill. ; 24 cm. -- (Scripta series in geography)
- 551.60212
R834w Rudloff, Willy.
World-climates : with tables of climatic data and practical suggestions / by Willy Rudloff. -- Stuttgart : Wissenschaftliche, 1981. 632 p. : ill. ; 25 cm.
- 551.64
B122m Bach, Wilfrid.
Modeling the influence of carbon dioxide on the global and regional climate : methodology and results / Wilfrid Bach, Hans-Josef Jung, Heinrich Knottenberg. -- Paderborn : Schoeningh, 1985. 114 p. : ill. ; 30 cm. -- (Muenstersche geographische Arbeiten ; Heft 21)

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R723m2 Rosenberg, Norman J.
Microclimate : the biological environment / Norman J. Rosenberg, Blaine L. Blad, Shashi B. Verma. -- 2. ed. -- New York : Wiley & Sons, c1983.
xxiii, 495 p. : ill. ; 24 cm.
- 551.78
In7t
v.1 Institute for Tertiary-Quaternary Studies.
Ter-Qua Symposium series / editor, Wakefield Dort, Jr. -- Lincoln : Nebraska Academy of Sciences, 1985.
198 p. : ill. ; 28 cm.

Contents: v. 1.
- 570.8
B292
v.26 Genetic engineering of plants : an agricultural perspective / ed. by Tsune Kosuge, Carole P. Meredith, Alexander Hollaender. -- New York : Plenum, c1983.
xi, 499 p. : ill. ; 26 cm. -- (Basic life sciences ; v. 26)

Proceedings of a symposium held August 15-19, 1982, at the Univ. of California, Davis, California.
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Ad95
v.32 Functional and structural proteins of the nervous system / ed. by A. N. Davison, P. Mandel, I. G. Morgan. -- New York : Plenum, 1972.
x, 286 p. : ill. ; 26 cm. -- (Advances in experimental medicine and biology ; v. 32)

Proceedings of Two Symposia on Proteins of the Nervous System and Myelin Proteins held as part of the Third Meeting of the International Society of Neurochemistry in Budapest, Hungary, in July 1971.
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Ad95
v.181 International Society for Developmental Neuroscience Congress (4th : 1983 : Salt Lake City)
Gene expression and cell-cell interactions in the developing nervous system : proceedings / ed. by Jean M. Lauder, Phillip G. Nelson. -- New York : Plenum, c1984.
xiii, 259 p. : ill. ; 26 cm. -- (Advances in experimental medicine and biology ; v. 181)
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W872p Woodward, F. I.
Principles and measurements in environmental biology / F. I. Woodward, J. E. Sheehy. -- London : Butterworths, c1983.
ix, 263 p. ; 26 cm.
- 574.19
Q23h
v.7 Genes : structure and expression / editor, A. M. Kroon. -- Chichester : Wiley & Sons, c1983.
x, 362 p. : ill. ; 24 cm. -- (Horizons in biochemistry and biophysics ; v. 7)
- 574.192072
W93b Biochemical research techniques : a practical introduction / ed. by John M. Wrigglesworth. -- Chichester : Wiley & Sons, c1983.
239 p. : ill. ; 24 cm.
- 574.1924
J979b
v.1 Biological macromolecules and assemblies / editors, Frances A. Journak, Alexander McPherson. -- New York : Wiley, c1984.
ix, 397 p. : ill. ; 24 cm.

Contents: v. 1. Virus structures.
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B784e Enzyme inhibitors : proceedings / ed. by Urs Brodbeck. -- Weinheim Verlag Chemie, c1980.
xix, 282 p. : ill. ; 24 cm.

Proceedings of a Meeting held in Basel, Switzerland, on 20 and 21 March 1980.
- 574.19285
B657b Robert Rowan III Memorial Symposium (1979 : Carnegie-Mellon Univ.)
Biochemical structure determination by NMR / ed. by Aksel A. Bothner-By, Jerry D. Glickson, Brian D. Sykes. -- Expanded version -- New York : Dekker, c1982.
xi, 232 p. : ill. ; 24 cm.

Expanded versions of papers presented at the Robert Rowan III Memorial Symposium, held at Carnegie-Mellon Univ. in Pittsburgh 15th Sept., 1979.
- 574.5028
Sch82r Schultz, Vincent.
Radioecological techniques / Vincent Schultz, F. Ward Whicker. -- New York : Plenum, c1982.
xi, 298 p. : ill. ; 24 cm.

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En32s Engen, S.
Stochastic abundance models : with emphasis on biological communities and species diversity / S. Engen. -- London : Chapman and Hall, c1978. ix, 126 p. ; 23 cm. -- (Monographs on applied probability and statistics)
"A Halsted Press book."
- 574.524
N631m Nisbet, R. M.
Modelling fluctuating populations / by R. M. Nisbet and W. S. C. Gurney. -- Chichester : Wiley, c1982. xiii, 379 p. : ill. ; 24 cm.
- 574.526
C824m Symposium on Marine Biodeterioration (1981 : Bethesda)
Marine biodeterioration : an interdisciplinary study : proceedings / ed. by J. D. Costlow, R. C. Tipper. -- London : Spon, c1984. xxi, 384 p. : ill. ; 29 cm.
- 574.5263
N317e International Symposium on the Effects of Nutrient Enrichment in Estuaries (1979 : Williamsburg)
Estuaries and nutrients / ed. by Bruce J. Neilson, L. Eugene Cronin. -- Clifton : Humana, c1981. 643 p. ; 24 cm. -- (Contemporary issues in science and society) (Chesapeake Research Consortium publication ; no. 90)
- 574.52632
B262s Plenary Symposium on the Testing of General Ecological Theory in Lotic Ecosystems (1981 : Provo, Utah)
Stream ecology : application and testing of general ecological theory / ed. by James S. Barnes, G. Wayne Minshall. -- New York : Plenum, c1983. 399 p. ; 26 cm.
- 574.52632
W619e Ecology of European rivers / ed. by B. A. Whitton. -- Oxford : Blackwell Scientific Pub., c1984. 644 p. ; 26 cm.
- 574.87
C33b v.2 Ord, Margery G.
Cell and tissue regeneration : a biochemical approach / Margery G. Ord, Lloyd A. Stocken. -- New York : Wiley & Sons, c1984. xvii, 221 p. : ill. ; 24 cm. -- (Cell biology : a series of monographs ; v. 2)
- 574.87
D36g v.1-2 De Duve, Christian.
A Guided tour of the living cell / Christian de Duve ; illustrated by Neil O. Hardy. -- New York : Scientific American Books, c1984. 2 v. : ill. (some col.) ; 25 cm. -- (Scientific American library)
Contents: v. 1-2.
- 574.87
In8 v.73 International review of cytology / ed. by G. H. Bourne, J. F. Danielli. -- New York : Academic, 1981. x, 365 p. : ill. ; 24 cm.
Contents: v. 73.
- 574.87
M583 MIRDAB : catalog 1/1985 / Editorial Board, P. Bachman ... [et al.]. -- Amsterdam : Elsevier, c1984. 612 p. ; 24 cm.
MIRDAB: Microbiological Resource database.
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C445s Structural analysis of nucleic acids / editors, Jack G. Chirikjian, Takis S. Papas. -- New York : Elsevier, c1981. xx, 594 p. : ill. ; 25 cm. -- (Gene amplification and analysis ; 2)
- 574.8732
G518g2 Glover, David M.
Gene cloning : the mechanics of DNA manipulation / David M. Glover. -- 2. ed. -- London : Chapman, c1984. viii, 222 p. : ill. ; 24 cm. -- (Outline studies in biology)
Rev. ed. of: Genetic engineering, cloning DNA.
- 574.8732
H86g Symposium on Recent Advances in Genetic Engineering (1982 : Taiwan)
Genetic engineering techniques : recent developments / ed. by P. C. Huang, T. T. Kuo, Ray Wu. -- New York : Academic, c1982. xiv, 360 p. : ill. ; 24 cm. -- (Academic press rapid manuscript reproduction)
Proceedings of a symposium held Jan. 11-12, 1982, in Taiwan.

- 574.8732
M132e Eukaryotic genes : their structure, activity and regulation / ed. by N. Maclean, S. P. Gregory, R. A. Flavell. -- London : Butterworths, c1983. xv, 474 p. : ill. ; 25 cm.
- 574.8732
R211i The Initiation of DNA replication : proceedings / ed. by Dan S. Ray. - New York : Academic, c1981. xx, 628 p. : ill. ; 24 cm. -- (ICN-UCLA Symposia on molecular and cellular biology ; v. XXII)

Proceedings of the 1981 ICN-UCLA Symposia on Structure and DNA-Protein Interactions of Replication Origins held in Salt Lake City, Utah, on March 8-13, 1981.
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R219d DNA methylation : biochemistry and biological significance / ed. by Aharon Razin, Howard Cedar, Arthur D. Riggs. -- New York : Springer, c1984. xiii, 392 p. : ill. ; 25 cm. -- (Springer series in molecular biology)
- 574.8732028
R426g Gel electrophoresis of nucleic acids : a practical approach / ed. by D. Rickwood, B. D. Hames. -- Oxford : IRL, c1982. xv, 242 p. : ill. ; 23 cm. -- (Practical approaches in biochemistry series)
- 574.876
F959h17 A Textbook of physiology / ed. by John F. Fulton. -- 17. ed. -- Philadelphia : Saunders, 1955. xlii, 1275 p. : ill. ; 26 cm.
- 574.92
St33m Marine plankton life cycle strategies / editors, Karen A. Steidinger, Linda M. Walker. -- Boca Raton : CRC, 1984. 158 p. : ill. ; 27 cm.
- 575.1
G172p7 Gardner, Eldon J. Principles of genetics / Eldon J. Gardner, D. Peter Snustad. -- 7. ed. -- New York : Wiley & Sons, c1984. xii, 580, [68] p. : ill. ; 25 cm.
- 575.1
P281g Genetic engineering applications for industry / ed. by J. K. Paul. -- Park Ridge : Noyes data, 1981. xii, 580 p. : ill. ; 25 cm. -- (Chemical technology review ; no. 197)
- 576
Od2g Gas chromatography/mass spectrometry applications in microbiology / ed. by Goeran Odham, Lennart Larsson, Per-Anders Mardh. -- New York : Plenum, c1984. xvi, 444 p. : ill. ; 24 cm.
- 576.15
C153m2 Campbell, R. Microbial ecology / R. Campbell. - 2. ed. -- Oxford : Blackwell Scientific Pub., c1983. ix, 191 p. ; 24 cm. -- (Basic microbiology ; v. 5)
- 576.64
C738s Segmented negative strand viruses : arenaviruses, bunyaviruses, and orthomyxoviruses / ed. by Richard W. Compans, David H. L. Bishop. -- Orlando : Academic, 1984. xxviii, 412 p. : ill. ; 24 cm.
- 576.64
M454v Vectors in virus biology / ed. by M. A. Mayo, K. A. Harrap. -- London : Academic, c1984. xi, 188 p. : ill. ; 24 cm. -- (Special publications of the Society for General Microbiology ; 12).
- 576.6482
Or5p The Phototrophic bacteria : anaerobic life in the light / ed. by J. G. Ormerod. -- Oxford : Blackwell Scientific Pub., c1983. x, 246 p. ; 24 cm. -- (Studies in microbiology ; v. 4)
- 576.6484
K811m Koch, Friedrich. The Molecular biology of poliovirus / Friedrich Koch, Gebhard Koch. -- Wien : Springer, c1985. xvi, 590 p. : ill. ; 25 cm.

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K967tEv Kursanov, Andreĭ L'vovich.
Assimilate transport in plant / by
A. L. Kursanov ; tr. from Russian by
V. Vopian. -- Amsterdam : Elsevier,
1984.
xvi, 660 p. ; 25 cm.

Translation of: Transport
assimiliatov v rastenii.
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C86c Cellular and subcellular
localization in plant metabolism /
ed. by Leroy L. Creasy, Geza
Hrazdina. -- New York : Plenum,
c1982.
-- (Recent advances in
phytochemistry ; v. 16)

Papers presented at a Symposium on
Cellular and Subcellular
Localization in Plant Metabolism
during the Twenty-first Annual
Meeting of the Phytochemical Society
of North America, at Cornell
University, Ithaca, N. Y. on Aug.
10-14, 1981.
- 581.13356
Sh69mEc Shkol'nik, Mark Iakovlevich.
Trace elements in plants / M. Ya.
Shkolnik ; tr. editor, Mark Cowan.
-- Amsterdam : Elsevier, 1984.
viii, 463 p. ; 25 cm. --
(Developments in crop science ; 6)

Translation of: Mikroelementy v
zhizni rastenii.
- 581.2
M566 Hill, Stephen A.
v.1 Methods in plant virology /
Stephen A. Hill. -- Oxford :
Blackwell Scientific Pub., c1984.
viii, 167 p. ; 24 cm. -- (Methods
in plant pathology ; v. 1)
- 581.2
W85p Plant diseases : infection, damage
and loss / ed. for the British
Society for Plant Pathology by R.
K. S. Wood, G. J. Jellis. --
Oxford : Blackwell Scientific
Pub., c1984.
vii, 327 p. ; 25 cm.
- 581.524
D63p Perspectives on plant population
ecology / ed. by Rodolfo Dirzo,
Jose Sarukhan. -- Sunderland :
Sinauer, c1984.
xviii, 478 p. ; 23 cm.
- 582.05
K931c Kruckeberg, Arthur R.
California serpentine : flora,
vegetation, geology, soils, and
management problems / by Arthur R.
Kruckeberg. -- Berkeley : Univ. of
California Press, c1984.
xiv, 180 p. : ill. ; 26 cm. --
(University of California
publications in botany ; v. 78)
- 589.9015
P962m Molecular genetics of the
bacteriaplant interaction / ed. by
A. Puehler. -- Berlin : Springer,
c1983.
xiv, 393 p. : ill. ; 25 cm. --
(Proceedings in life sciences)
- 589.9046
B139 The Bacterial spore / ed. by A.
v.2 Hurst, G. W. Gould. -- London :
Academic, c1983.
xiv, 328 p. ; 24 cm.

Contents: v. 2.
- 591.1
M341r Recent German research on problems
of parasitology, animal health and
animal breeding in the tropics and
subtropics / ed. by Hubert Markl,
Alfred Bittner. -- Tuebingen :
Institute for Scientific
Co-operation, c1984.
136 p. : ill. ; 24 cm.

Selected reports on DFG-supported
research.
- 591.1852
AL27a2 Alexander, R. McNeill.
Animal mechanics / R. McNeill
Alexander. -- 2. ed. -- Oxford :
Blackwell Scientific Pub., c1983.
ix, 301 p. ; 25 cm.
- 591.5
B644g Boorman, Scott A.
The Genetics of altruism / Scott
A. Boorman, Paul R. Levitt. -- New
York : Academic, c1980.
xx, 459 p. ; 24 cm.
- 591.8761
D441f De Pomerai, David.
From gene to animal : an
introduction to the molecular
biology of animal development /
David De Pomerai. -- Cambridge :
Cambridge Univ. Press, c1985.
xv, 293 p. : ill. ; 24 cm.

- 595.372
K412a Kensley, Brian Frederick.
The Atlantic barrier reef
ecosystem at Carrie Bow Cay, Belize,
III. new marine isopoda / Brian
Kensley. -- Washington : Smithsonian
Institution Press, 1984.
iv, 81 p. : ill. ; 26 cm. --
(Smithsonian contributions to the
marine sciences ; no. 24)
- 599.01852
D752 Cell and muscle motility / ed. by
v.1 Robert M. Dowben, Jerry W. Shay. -
- New York : Plenum, c1981.
xiv, 400 p. : ill. ; 26 cm.

Contents: v. 1.
- 599.01924
C859h Crawley, Michael J.
Herbivory : the dynamics of
animal, plant interactions / by
Michael J. Crawley. -- Oxford :
Blackwell Scientific, c1983.
x, 437 p. ; 25 cm. -- (Studies in
ecology ; v. 10)
- 599.08732
N191d DNA repair, chromosome alterations
and chromatin structure :
proceedings / ed. by A. T.
Natarajan, G. Obe, H. Altmann. --
Amsterdam : Elsevier, c1982.
xv, 390 p. : ill. ; 25 cm. --
(Progress in mutation research ; v.
4)

Proceedings of an International
Meeting held at Noordwijkerhout, The
Netherlands, 23-25 April 1981.
- 599.405
k962e Ecology of bats / ed. by Thomas H.
Kunz. -- New York : Plenum, c1982.
xviii, 425 p. ; 24 cm.
- 600 TECHNOLOGY
- 610.7307
M178s Macgregor, Frances Cooke.
Social science in nursing :
applications for the improvement of
patient care / by Frances Cooke
Macgregor. -- New York : Wiley,
c1960.
354 p. ; 22 cm.
- 612.4
R243 Recent progress in hormone research
v.38-40 / ed. by Roy D. Greep. -- New York
: Academic, c1982-84.
3 v. : ill. ; 24 cm.

Proceedings of the 1981-1983
Laurentian Hormone Research.

Contents: v. 38-40.
- 612.64
Sy68 Symposium on Prenatal Development
1981 (5th : 1981 : Berlin)
Culture techniques : applicability
for studies on prenatal
differentiation and toxicity / ed.
by D. Neubert, H.-J. Merker. --
Berlin : de Gruyter, 1981.
621 p. : ill. ; 24 cm.
- 612.76
J453b3 Jensen, Clayne R.
Applied kinesiology and
biomechanics / Clayne R. Jensen,
Gordon W. Schultz, Blauer L.
Bangerter. -- 3. ed. -- New York :
McGraw-Hill, c1983.
xiv, 416 p. : ill. ; 24 cm.
- 614.77
C212w International Conference on Toxic
Algae (1980 : Wright State
Univ., Dayton)
The Water environment : algal
toxins and health : proceedings /
ed. by Wayne W. Carmichael. -- New
York : Plenum, c1981.
xii, 491 p. ; 26 cm. --
(Environmental science research ; v.
20)
- 614.772
N859h Novotny, Vladimir.
Handbook of nonpoint pollution :
sources and management / Vladimir
Novotny, Gordon Chesters. -- New
York : Reinhold, c1981.
xiii, 555 p. : ill. ; 24 cm. --
(Van Nostrand Reinhold environmental
engineering series)
- 614.852
G516i Gloss, David S.
Introduction to safety engineering
/ David S. Gloss, Miriam Gayle
Wardle. -- New York : Wiley, c1984.
xv, 612 p. ; 24 cm.

- 615.191
G861L
v.1-3 Liposome technology / editor,
Gregory Gregoriadis. -- Boca Raton
: CRC Press, c1984.
3 v. ; 27 cm.
- Contents: v. 1. Preparation of
liposomes -- v. 2. Incorporation of
drugs, proteins, and genetic
materials -- v. 3. Targeted drug
delivery and biological interaction.
- 615.329
An87
v.6 Modes and mechanisms of microbial
growth inhibitors / ed. by Fred E.
Hahn. -- Berlin : Springer,
c1983.
viii, 343 p. : ill. ; 25 cm. --
(Antibiotics ; v. 6)
- 615.7
R542d Drug action at the molecular level /
ed. by G. C. K. Roberts. -- London
: Macmillan, c1977.
viii, 291 p. : ill. ; 24 cm.
- Biological Council. the
Coordinating Committee for Symposia
on Drug Action.
- 616.014
B84b Bryan, L. E.
Bacterial resistance and
susceptibility to chemotherapeutic
agents / L. E. Bryan. -- Cambridge :
Cambridge Univ. Press, c1982.
viii, 234 p. ; 23 cm.
- 616.014
D713c Cell wall-deficient bacteria : basic
principles and clinical
significance / editor, Gerald J.
Domingue. -- Reading : Addison-
Wesley, c1982.
xi, 595 p. : ill. ; 25 cm.
- 616.042
Em361 Emery, Alan E. H.
An Introduction to recombinant DNA
/ Alan E. H. Emery. -- Chichester :
Wiley & Sons, c1984.
x, 223 p. : ill. ; 22 cm.
- 616.07
M896t12 Muir, Robert.
Muir's textbook of pathology / ed.
by J. R. Anderson. -- 12. ed. --
Baltimore : Arnold, c1985.
1 v. (various pagings) ; 25 cm.
- 616.0754
M623u International Symposium on
Ultrasound Interaction in
Biology and Medicine (1980 :
Reinhardtbrunn)
Ultrasound interactions in biology
and medicine : proceedings / ed. by
R. Millner, E. Rosenfeld, U. Cobet.
-- New York : Plenum, c1983.
xiii, 216 p. : ill. ; 26 cm.
- 616.079
F115i Workshop on Immunoregulation (1981
Urbino, Italy)
Immunoregulation : proceedings /
ed. by N. Fabris ... [et al.]. --
New York : Plenum, c1983.
ix, 477 p. : ill. ; 26 cm.
- Proceedings of a Workshop on
Immunoregulation, held July 8-10,
1981 at Urbino, Italy.
- 616.079
F182b Bacterial and viral inhibition and
modulation of host defences / ed.
by G. Falcone ... [et al.]. --
London : Academic Press, 1984.
x, 249 p. ; 24 cm. -- (FEMS
Symposium ; no. 19)
- Proceedings of the Federation of
European Microbiological Societies
and the Italian Society for
Microbiology held in Pisa, Italy
from 22-24 September 1982.
- 616.079
Sa78i Immunogenetics : its application to
clinical medicine / ed. by
Takehiko Sasazuki, Tomio Tada. --
Tokyo : Academic, c1984.
xvii, 308 p. : ill. ; 24 cm.
- 616.079
W381i Immunopharmacology and the
regulation of leukocyte function /
ed. by David R. Webb. -- New York
: Dekker, c1982.
xii, 300 p. : ill. ; 24 cm. --
(Immunology series ; v. 19)
- 616.079
Y146i International Symposium on
Immunomodulation by Microbial
Products and Related Synthetic
Compounds (1981 : Osaka)
Immunomodulation by microbial
products and related synthetic
compounds : proceedings / chief
editors, Yuichi Yamamura ... [et
al.]. -- Amsterdam : Excerpta
Medica, c1982.
xvi, 562 p. : ill. ; 25 cm. --
(International congress series ; no.
563)
- 616.362
L75
v.3 Viral hepatitis : laboratory and
clinical science / ed. by
Friedrich Deinhardt, Jean
Deinhardt. -- New York : Dekker,
c1983.
xi, 585 p. : ill. ; 26 cm. --
(Liver, normal function and disease
; v. 3)

- 616.3623
In8 1982 International Max von Pettenkofer
Symposium (2nd : 1982 : Munich)
Viral hepatitis : second
international max von pettenkofer
symposium / ed. by Lacy R. Overby,
Friedrich Deinhardt, Jean Deinhardt.
-- New York : Dekker, c1983.
xxii, 311 p. : ill. ; 24 cm. --
(Infectious disease and
antimicrobial agents ; 4)
- 616.462
K818g The Genetics of diabetes mellitus /
ed. by J. Koebberling, R.
Tattersall. -- London : Academic,
c1982.
xiii, 293 p. ; 24 cm. --
(Proceedings of the Serono symposia
; v. 47)
- 616.8522
C355a Agoraphobia : multiple perspectives
on theory and treatment / ed. by
Dianne L. Chambless, Alan J.
Goldstein. -- New York : Wiley,
c1982.
xi, 227 p. ; 24 cm. -- (Wiley
series on personality processes)
- 616.96
J153p v.1-3 Parasitic zoonoses / ed. by Leon
Jacobs, Primo Arambulo. -- Boca
Raton : CRC, 1982.
3 v. ; 27 cm. -- (CRC handbook
series in zoonoses ; section C)

Contents: v. 1-3.
- 616.9897
D336e v.1-2 Experimental and clinical
photoimmunology / editors, Raymond
A. Daynes, Gerald Krueger. -- Boca
Raton : CRC Press, c1983.
2 v. ; 26 cm.
- 616.994
SL12m Modifiers of chemical carcinogenesis
: an approach to the biochemical
mechanism and cancer prevention /
ed. by Thomas J. Slaga. -- New
York : Raven, c1980.
ix, 275 p. ; 25 cm. --
(Carcinogenesis--a comprehensive
survey ; v. 5)
- 618.3042
Sch81g Genetic diseases in pregnancy :
maternal effects and fetal outcome
/ ed. by Joseph D. Schulman, Joe
Leigh Simpson. -- New York :
Academic, c1981.
xvi, 493 p. ; 24 cm.
- 618.32
Sy68m Symposium on Mechanisms of Alcohol
Damage in Utero (1983 : Ciba
Foundation, London)
Mechanisms of alcohol damage in
utero. -- London : Pitman, 1984.
296 p. ; 24 cm. -- (Ciba
Foundation symposium ; 105)
- 620.001515353
Ir6t Irons, Bruce.
Techniques of finite elements /
Bruce Irons, Sohrab Ahmad. -- New
York : Wiley & Sons, c1980.
529 p. : ill. ; 23 cm. -- (Ellis
Horwood Series in Engineering
Science : civil engineering)
- 620.11233
Ev16c Evans, R. W.
Creep of metals and alloys / by R.
W. Evans, B. Wilshire. -- [London] :
The Institute of Metals, 1985.
[iv], 314 p. : ill. ; 24 cm. --
(Predictive and quantitative
metallurgy series)
- 620.192
Se36r Joint U.S.-Italy Symposium on
Composite Materials (1981 :
Capri, Italy)
The Role of the polymeric matrix
in the processing and structural
properties of composite materials /
ed. by James C. Seferis, Luigi
Nicolais. -- New York : Plenum,
c1983.
xi, 684 p. ; 26 cm.
- 620.25
B897u Burdic, William S.
Underwater acoustic system
analysis / William S. Burdic. --
Englewood Cliffs : Prentice-Hall,
c1984.
xiv, 445 p. : ill. ; 24 cm. --
(Prentice-Hall signal processing
series)
- 621.184
Am35h 1980 American Society of Mechanical
Engineers. Boiler and Pressure
Vessel Committee.
Rules for construction of heating
boilers. -- 1980. ed. -- New York :
ASME, c1980.
xxi, 261 p. : ill. ; 28 cm. --
(ASME Boiler and pressure vessel
code ; sec. 4)
Cover title: Heating boilers.
- 621.184
Am35o 1980 American Society of Mechanical
Engineers. Boiler and Pressure
Vessel Committee.
Recommended rules for the care and
operation of heating boilers. --
1980. ed. -- New York : ASME, c1980.
xxiv, 84 p. : ill. ; 28 cm. --
(ASME Boiler and pressure vessel
code ; sec. 6)

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Am35p
1980 American Society of Mechanical Engineers. Boiler and Pressure Vessel Committee.
Recommended rules for care of power boilers -- 1980. ed. -- New York : ASME, c1980.
xxi, 92 p. ; 28 cm. -- (ASME Boiler and pressure vessel code ; sec. 7)
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1980 American Society of Mechanical Engineers. Boiler and Pressure Vessel Committee.
Rules for construction of power boilers. -- 1980. ed. -- New York : ASME, c1980.
xxi, 278 p. : ill. ; 28 cm. -- (ASME Boiler and pressure vessel code ; sec. 1)
Cover title: Power boilers.
- 621.184
B114s38 The Babcock & Wilcox Company.
Steam : its generation and use / The Babcock and Wilcox Co. -- 38. ed. -- New York : Babcock & Wilcox, c1975.
1 v. (various pagings) : ill. ; 29 cm.
- 621.197
3179c Condenser biofouling control : symposium proceedings / editors, John F. Garey ... [et al.]. -- Ann Arbor : Ann Arbor Science, c1980.
xvi, 528 p. ; 24 cm.
- 621.312134
F919s Small and mini hydropower systems : resource assesment and project feasibility / [ed. by] Jack J. Fritz. -- New York : McGraw-Hill, c1984.
1 v. (various pagings) : ill. ; 24 cm.
- 621.31924
D289p Davies, T.
Protection of industrial power systems / T. Davies. -- Oxford : Pergamon, c1984.
x, 233 p. ; 24 cm. -- (Pergamon materials engineering practice series)
- 621.36
J485e Electro-optics laser international '82 UK : conference proceedings / ed. by H. G. Jerrard. -- London : Butterworth Scientific, c1982.
320 p. : ill. ; 24 cm.
- 621.3692
P432o Personick, Stewart D.
Optical fiber transmission systems / Stewart D. Personick. -- New York : Plenum, c1981.
xi, 179 p. : ill. ; 24 cm. -- (Applications of communications theory)
- 621.38
K162h2 Handbook for electronics engineering technicians / editors in Chief, Milton Kaufman, Arthur H. Seidman. -- 2. ed. -- New York : McGraw-Hill, c1984.
xxix, 1 v. (various pagings) : ill. ; 24 cm.
- 621.38
M623h A History of engineering and science in the bell system : communications sciences (1925-1980) / editor, S. Millman. -- Indianapolis : AT&T Bell Laboratories, c1984.
xxi, 521 p. : ill. ; 25 cm.
- 621.38
M831c Morris, David Joseph.
Communication for command and control systems / by D. J. Morris. -- Oxford : Pergamon, c1983.
x, 506 p. ; 24 cm. -- (International series on systems and control ; v. 5)
- 621.38043
An88d Antoniou, Andreas.
Digital filters : analysis and design / Andreas Antoniou. -- New York : McGraw-Hill, c1979.
xvii, 524 p. : ill. ; 25 cm.
- 621.38152
H785p Horowitz, Mannie.
Practical design with solid state devices / Mannie Horowitz. -- Reston : Reston Publishing Co., c1979.
xiv, 528 p. : ill. ; 24 cm.
- 621.381958
D954d2 Dutta, Majumder D.
Digital computers' memory technology / D. Majumder Dutta, J. Das. -- 2. ed. -- New York : Wiley, c1983.
xv, 533 p. ; 25 cm.
- 621.381958
W672t Williams, G. B.
Troubleshooting on microprocessor based systems / G. B. Williams. -- Oxford : Pergamon, c1984.
xviii, 213 p. ; 24 cm.
- 621.3819582
K685s Kline, Raymond M.
Structured digital design including MSI/LSI components and microprocessors / Raymond M. Kline. -- Englewood Cliffs : Prentice-Hall, c1983.
xiii, 450 p. ; 25 cm. -- (Prentice-Hall computer applications in electrical engineering series)
Rev. ed. of: Digital computer design. c1977.

- 621.4
W52l West, C. D.
Liquid piston Stirling engines /
C. D. West. -- New York : Van
Nostrand Reinhold, c1983.
vii, 152 p. : ill. ; 24 cm.
- 621.4022
N213 National Heat Transfer Conference
1985 (23rd : 1985 : Denver)
Heat transfer--Denver, 1985 /
editor, Nayeem M. Farukhi. -- New
York : American Institute of
Chemical Engineers, c1985.
281 p. : ill. ; 28 cm. --
(American Institute of Chemical
Engineers. Symposium series ; v. 81
no. 245)
- 621.4022
T79s5 Tubular Exchanger Manufacturers
Association.
Standards of Tubular Exchanger
Manufacturers Association. -- 5. ed.
-- New York : TEMA, 1968.
xii, 202 p. : ill. ; 29 cm.
- 621.4023
In8 International Colloquium on
1981 Gasdynamics of Explosions and
Reactive Systems (8th : 1981 :
Minsk, Byelorussian USSR)
Flames, lasers, and reactive
systems / ed. by J. R. Bowen ... [et
al.]. -- New York : American
Institute of Aeronautics and
Astronautics, c1983.
xxiv, 436 p. : ill. ; 24 cm. --
(Progress in astronautics and
aeronautics ; v. 88)
- 621.4023
In8 International Colloquium on
1983 Gasdynamics of Explosions and
Reactive Systems (9th : 1983 :
Poitiers, France)
Dynamics of flames and reactive
systems / ed. by J. R. Bowen. ...
[et al.]. -- New York : American
Institute of Aeronautics and
Astronautics, c1984.
xvii, 773 p. : ill. ; 24 cm. --
(Progress in astronautics and
aeronautics ; v. 95)
- 621.4023
R251n2 North American combustion handbook :
a basic reference on the art and
science of industrial heating with
gaseous and liquid fuels / ed. by
R. J. Reed. -- 2. ed. -- Cleveland
: North American Mfg. Co., c1978.
xxi, 501 p. : ill. ; 24 cm.
- 621.406
W692d Wilson, David Gordon.
The Design of high-efficiency
turbomachinery and gas turbines /
David Gordon Wilson. -- Cambridge :
MIT, c1984.
xvi, 496 p. : ill. ; 24 cm.
- R
621.4703
H915s Hunt, V. Daniel.
Solar energy dictionary / V.
Daniel Hunt. -- New York :
Industrial Press, c1982.
ix, 411 p. ; 24 cm.
- 621.48332
B615r Radiation effects in breeder reactor
structural materials / ed. by M.
L. Bleiberg, J. W. Bennett. -- New
York : AIME, c1977.
xi, 919 p. : ill. ; 24 cm.
- 621.48335
W989l Light water reactor nuclear fuel
cycle / editors, Raymond G. Wymer,
Benedict L. Vondra. -- Boca Raton
: CRC Press, c1981.
261 p. ; 27 cm.
- 621.484
St12f Stacey, Weston M.
Fusion plasma analysis / by Weston
M. Stacey. -- New York : Wiley,
1981.
xv, 376 p. ; 24 cm. -- (A Wiley-
Interscience publication)
- 621.64
G559f Goh, Sing Yau.
Laboratory and field testing of
handpumps / Goh Sing Yau. -- Ottawa
: International Development Research
Centre, c1985.
138 p. : ill. ; 25 cm.
- 621.811
M363k2 Martin, George Henry.
Kinematics and dynamics of
machines / George H. Martin. -- 2.
ed. -- Auckland : McGraw-Hill,
c1982.
xiii, 492 p. : ill. ; 21 cm.
- 621.9
R742m Mechanical design and systems
handbook / ed. by Harold A.
Rothbart. -- New York :
McGraw-Hill, c1964.
1 v. (various pagings) : ill. ; 24
cm.
- 623.8
H193rs Han-gug Seon-geub Hyeobhoe.
1983/84(2 Register of ships, 1983-84,
supplement no. 2 (1984. 5-8) /
Korean Register of Shipping. --
Seoul : Korean Register of Shipping,
1984.
96 p. : ill. ; 28 cm.

- 624.151
J853s Joyce, Michael D.
Site investigation practice /
Michael D. Joyce. -- London : Spon,
c1982.
xiv, 369 p. ; 25 cm.
- 624.1513
B223 Developments in soil mechanics and
v.1 foundation engineering / ed. by P.
K. Banerjee, R. Butterfield. --
London : Applied Science Pub.,
c1983.
xii, 266 p. ; 23 cm.
Contents: 1. Model studies.
- 624.1513
C632r Coates, D. F.
Rock mechanics principles / D. F.
Coates. -- Ottawa : CANMET, c1981.
1 v. (various pagings) ; 28 cm.
- 624.1513
C76 Congress of the International
1974 Society for Rock Mechanics (3rd
: 1974 : Denver)
Events and discussions :
proceedings / U.S. National
Committee for Rock Mechanics. --
Washington, D.C. : National Academy
of sciences, 1979.
vii, 216 p. ; 28 cm. -- (Advances
in rock mechanics ; v. 3)
- 624.1513
L171v Lambe, T. William.
Soil mechanics, SI version / T.
William Lambe, Robert V. Whitman. --
New York : Wiley, c1969.
xiv, 553 p. ; ill. ; 29 cm. --
(Series in soil engineering)
- 624.1513
W95s2 Wu, Tien-hsing.
Soil mechanics / Tien Hsing Wu. --
2. ed. -- Boston : Allyn & Bacon,
c1976.
xiv, 440 p. ; ill. ; 24 cm.
- 624.17
In8 International Symposium on Optimum
1981 Structural Design (2nd : 1981 :
Univ. of Arizona)
New directions in optimum
structural design / ed. by E. Atrek
... [et al.]. -- Chichester : Wiley
& Sons, c1984.
xvii, 727 p. ; ill. ; 24 cm.
- 624.182
F228o Farkas, Jozsef.
Optimum design of metal structures
/ Jozsef Farkas. -- Chichester :
Horwood, c1984.
222 p. ; 24 cm. -- (Ellis horwood
series in engineering science)
- R 627.02
H191d Handbook of applied hydraulics / ed.
by Calvin Victor Davis. -- New
York : McGraw-Hill, c1942.
xix, 1084 p. ; ill. ; 24 cm.
- 628.1
In8w Women's issues in water and
sanitation : attempts to address
an age-old challenge /
International Development Research
Centre. -- Ottawa : IDRC, 1985.
104 p. ; 25 cm. -- (IDRC-236e)
- 628.10724
J231i James, A.
An Introduction to water quality
modelling / ed. by A. James. --
Chichester : Wiley, c1984.
ix, 234 p. ; 24 cm.
- 628.1662
H144p Power plant chlorination : a
biological and chemical assessment
/ Lenwood W. Hall ... [et al.]. --
Ann Arbor : Ann Arbor Science,
c1981.
x, 237 p. ; 24 cm.
- 628.1686
B549g Groundwater pollution microbiology /
ed. by Gabriel Bitton, Charles P.
Gerba. -- New York : Wiley,
c1984.
xii, 377 p. ; ill. ; 25 cm. --
(Environmental science and
technology)
- 628.1686162
K959p Pollutant transfer and transport in
v.1-2 the sea / ed. by Gunnar
Kullenberg. -- Boca Raton : CRC,
1982.
2 v. : ill. ; 27 cm.
- 628.2
Esl9s Escritt, Leonard Bushby.
Sewerage and sewage treatment :
international practice / Leonard B.
Escritt ; ed. and rev. by William D.
Haworth. -- Chichester : Wiley,
c1984.
xiii, 539 p. ; 24 cm.
- 628.35
P442s Seperation of heavy metals and other
trace contaminants / editor,
Robert William Peters, co-editor,
B. Mo Kim. -- New York : American
Institute of Chemical Engineers,
1985.
203 p. ; ill. ; 28 cm. --
(American Institute of Chemical
Engineers. Symposium series ; v. 81
no.244)

- 628.53
D651a Dobbins, Richard A.
Atmospheric motion and air
pollution : an introduction for
students of engineering and science
/ Richard A. Dobbins. -- New York :
Wiley & Sons, c1979.
xviii, 323 p. : ill. ; 24 cm. --
(Environmental science and
technology)
- 629.13
H131i Hale, Francis J.
Introduction to aircraft
performance, selection, and design /
Francis J. Hale. -- New York :
Wiley, c1984.
xiii, 290 p. ; 25 cm.
- 629.130973
H156l Hallion, Richard P.
Legacy of flight : the Guggenheim
contribution to American aviation /
Richard P. Hallion. -- Seattle :
Univ. of Washington Press, c1977.
xvi, 292 p. : ill. ; 24 cm.
- 629.8
R196a Raven, Francis Harvey.
Automatic control engineering /
Francis H. Raven. -- New York :
McGraw-Hill, c1961.
xi, 402 p. : ill. ; 21 cm. --
(McGraw-Hill series in mechanical
engineering)
- 629.802854
H719m Holland, R. C.
Microcomputers for process control
/ R. C. Holland. -- Oxford :
Pergamon, c1983.
xi, 196 p. ; 24 cm. -- (Materials
engineering practice)
- 629.83
K963a2 Kuo, Tsung-i.
Automatic control systems /
Benjamin C. Kuo. -- 2. ed. --
Englewood Cliffs : Prentice-Hall,
c1967.
xii, 523 p. : ill. ; 22 cm.
- 629.8312
Sm48o Smirnov, George Mikhael.
Oscillation theory of optimal
processes / George M. Smirnov ; ed.
by Robert H. Silverman. -- New York
: Wiley, c1984.
x, 154 p. ; 24 cm.
- 630.72
G586s2 Gomez, Kwanchai A.
Statistical procedures for
agricultural research / Kwanchai A.
Gomez, Arturo A. Gomez. -- 2. ed. --
New York : Wiley, c1984.
680 p. ; 24 cm.
- 631.4
El87s Soil heating using subsurface pipes
: a decade of research results at
OSU/DARDC / D. L. Elwell ... [et
al.]. -- Wooster : Ohio State
Univ., c1985.
46 p. : ill. ; 28 cm. -- (The Ohio
State Univ. Ohio Agricultural
Research and Development Center.
Research bulletin ; 1175)
- 631.4
In8w Wetland soils : characterization,
classification, and utilization :
proceedings. -- Los Banos :
International Rice Research
Institute, 1985.
559 p. : ill. ; 23 cm.

Proceedings of a workshop held 26
March to 5 April 1984 under the
joint sponsorship of the
International Rice Research
Institute, Soil Management Support
Services, Bureau of Soils.
- 631.41
L989s Lynch, J. M.
Soil biotechnology :
microbiological factors in crop
productivity / J. M. Lynch. --
Oxford : Blackwell Scientific Pub.,
c1983.
x, 191 p. ; 24 cm.
- 631.52
H711c Crop genetic resources :
conservation and evaluation / ed.
by J. H. W. Holden, J. T.
Williams. -- London : Allen &
Unwin, c1984.
xvi, 296 p. : ill. ; 25 cm.
- 631.53
W465f Welsh, James R.
Fundamentals of plant genetics and
breeding / James R. Welsh. -- New
York : Wiley & Sons, c1981.
xiv, 290 p. : ill. ; 24 cm.
- 632.951
In8j The FAO/IRRI Workshop on Judicious
and Efficient Use of
Insecticides on Rice (1983 :
Laguna, Philippines)
Judicious and efficient use of
insecticides on rice : proceedings /
it. sponsored by The International
Rice Research Institute and Food and
Agriculture Organization of the
United Nations. Intercountry
Programme for Integrated Pest
Control in Rice in South and
Southeast Asia. -- Manila : IRRI,
1984.
180 p. : ill. ; 23 cm.

- 33.0025
n8 962/80 International Rice Research Institute.
IRRI alumni book, 1962-1980 / International Rice Research Institute. -- Manila : IRRI, 1983.
xiii, 662 p. : ill. ; 23 cm.
- 33.18
n8 983 International Rice Research Institute.
Annual report for 1983 / International Rice Research Institute. -- Manila : IRRI, 1984.
xv, 494 p. : ill. ; 26 cm.
- 33.18
n8o International Rice Research Institute.
Organic matter and rice / International Rice Research Institute. -- Los Banos : International Rice Research Institute, 1984.
631 p. ; 23 cm.
- 33.183
n8p The International Rice Research Institute.
Parentage of IRRI crosses IR 1-IR 50,000 / International Rice Research Institute. -- Manila : IRRI, 1985.
1 v. ; 26 cm.

Genetic Evaluation and Utilization [GEU] program.
- 33.1892
ulr2 Ou, S. H.
Rice diseases / S. H. Ou. -- 2. ed. -- Slough : Commonwealth Agricultural Bureaux, c1985.
xi, 380 p. : ill. ; 25 cm.
- 33.4915
i738q Gould, Wilbur A.
Quality evaluation of potato cultivars for processing / Wilbur A. Gould, Shari Plimpton. -- Wooster : Ohio State Univ., 1985.
25 p. : ill. ; 28 cm. -- (North central regional research publication ; 305) (The Ohio State Univ. Ohio Agricultural Research and Development Center. Research bulletin ;
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53r Research methodology for livestock on-farm trials : proceedings / editors, Thomas L. Nordblom, Awad El Karim Hamid Ahmed, Gordon R. Potts. -- Ottawa : International Development Research Centre, c1985.
313 p. : ill. ; 25 cm.

Proceedings of a workshop held at Aleppo, Syria, 25-28 March, 1985.
- 636.085
N959 1984 Nutrition Conference for Feed Manufacturers (18th : 1984 : Univ. of Nottingham)
Recent advances in animal nutrition--1984 : [proceedings] / [ed. by] W. Haresign, D. J. A. Cole -- London : Butterworths, 1984.
iii, 260 p. : ill. ; 25 cm. -- (Studies in the agricultural and food sciences)
- 646.4304
H351c6 Heath, Samuel.
Coat and skirt making : skirts, trousers, jackets, coats / Samuel Heath. -- 6. ed. -- London : Collins, 1985.
132 p. : ill. ; 28 cm.
- 660.2
P442e2 Peters, Max Stone.
Elementary chemical engineering / by Max S. Peters. -- 2. ed. -- New York : McGraw-Hill, c1984.
xiii, 381 p. ; 25 cm. -- (McGraw-Hill chemical engineering series)
- 660.281
S617p Problem solving / editors, John T. Sears, Donald R. Woods, R. D. Noble. -- New York : American Institute of Chemical Engineers, c1983.
v, 63 p. : ill. ; 28 cm. -- (AIChE symposium series ; no. 228)
- 660.2847
K668f Fluidization and fluid particle systems / ed. by George F. Klinzing. -- New York : American Institute of Chemical Engineers, c1984.
v, 185 p. : ill. ; 28 cm. -- (AIChE symposium series ; no. 241)
- 660.2847
K768f Fluidization and fluid-particle systems : theories and applications / ed. by T. M. Knowlton. -- New York : American Institute of Chemical Engineers, c1983.
iv, 109 p. : ill. ; 28 cm. -- (AIChE symposium series ; no. 222)
- 660.284298
Y86a Advances in crystallization from solutions / ed. by Gordon R. Youngquist. -- New York : American Institute of Chemical Engineers, c1984.
iii, 176 p. : ill. ; 28 cm. -- (AIChE symposium series ; no. 240)

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P943
v.19
Progress in industrial microbiology / ed. by M. E. Bushell. -- Amsterdam : Elsevier, c1984. ix, 466 p. : ill. ; 25 cm.

Contents: v. 19. Modern applications of traditional biotechnologies.
- 661.8915
T798h
Human and environmental risks of chlorinated dioxins and related compounds / ed. by Richard E. Tucker, Alvin L. Young, Allan P. Gray. -- New York : Plenum, c1983. xii, 823 p. ; 26 cm. -- (Environmental science research ; v. 26)

Proceedings of an International Symposium on chlorinated Dioxins and Related Compounds, held Oct. 25-29, 1981, in Arlington.
- 662.62
M551c
Merrick, D.
Coal combustion and conversion technology / D. Merrick. -- London : Macmillan, c1984. viii, 405 p. : ill. ; 25 cm. -- (Energy alternatives series)
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Sm79p
Pulverized-coal combustion and gasification : theory and applications for continuous flow processes / ed. by L. Douglas Smoot, David T. Pratt. -- New York : Plenum, c1979. xvii, 333 p. ; 24 cm.
- 662.625
L955cS
Chemistry of coal utilization : supplementary volume / ed. by H. H. Lowry. -- New York : Wiley, c1963. viii, 1142 p. : ill. ; 26 cm.
- 662.6622
Sh13r
Shah, Yatish T.
Reaction engineering in direct coal liquefaction / Yatish T. Shah. -- Reading : Addison-Wesley, c1981. xiv, 399 p. : ill. ; 25 cm. -- (Energy science and technology ; no. 3)
- 662.93
H278a
Hassler, John W.
Active carbon / by John W. Hassler. -- Brooklyn : Chemical Pub., c1951. vi, 384 p. : 23 cm.
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W54
1984
Weurman Flavour Research Symposium (4th : 1984 : Dourdan) Progress in flavour research 1984 : proceedings / ed. by J. Adda. -- Amsterdam : Elsevier, 1985. xiv, 634 p. : ill. ; 25 cm. -- (Developments in food science ; 10)
- 665.53
Am35c
1976
American National Standards Institute. Committees B31.3
Chemical plant and petroleum refinery piping. -- New York : American Society of Mechanical Engineers, c1977. xxix, 170 p. : ill. ; 28 cm. -- (ANSI B31.3-1976)

At head of title: American national standard code for pressure piping.
- 665.53
Am35ca
1976
American National Standards Institute. Committees B31.3.
Addenda to chemical plant and petroleum refinery piping. -- New York : American Society of Mechanical Engineers, c1979. xii, 161 p. : ill. ; 28 cm. -- (ANSI/ASME B31.3c-1979)

At head of title: American national standard code for pressure piping.
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C353h2
v.1-2
Chalmers, Louis.
Household and industrial chemical specialties / Louis Chalmers. -- 2. ed. -- New York : Chemical Pub., c1979. ix, 382 p. ; 24 cm.

First published in 1966 under title: Domestic and industrial chemical specialties.
Contents: v. 1-2.
- 668.4
F363p
Fenner, Roger T.
Principles of polymer processing / Roger T. Fenner. -- New York : Chemical Publishing, c1979. xv, 176 p. : ill. ; 24 cm.
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Ed96u
Urethane chemistry and applications / editor, Kenneth N. Edwards, associate editors, Wilson F. Gum ... [et al.]. -- Washington, D.C. : ACS, c1981. xi, 590 p. : ill. ; 24 cm. -- (American Chemical Society. ACS symposium series ; no. 172)

Based on a symposium sponsored by the Macromolecular Secretariat, at the second Chemical Congress of the North American Continent (180th ACS National Meeting), Las Vegas, Nevada, August 24-29, 1980.

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W863f Woods, George.
Flexible polyurethane foams :
chemistry and technology / George
Woods. -- London : Applied Science
Pub., c1982.
xi, 334 p. ; 23 cm.
- 669
R726p2 Rosenqvist, Terkel.
Principles of extractive
metallurgy / by Terkel Rosenqvist. -
- 2. ed. -- New York : McGraw-Hill,
1983.
xxi, 506 p. : ill. ; 25 cm.
- 669.2931
M552r Recent developments in uranium
enrichment / editors, J. R.
Merriman, Manson Benedict. -- New
York : American Institute of
Chemical Engineers, c1982.
vi, 98 p. : ill. ; 28 cm. --
(AIChE symposium series ; no. 271)
- 669.94
M223d McLean, M.
Directionally solidified materials
for high temperature service / by M.
McLean. -- London : Metals Society,
c1983.
viii, 337 p. : ill. ; 24 cm. --
(Predictive and quantitative
metallurgy series)
- 669.96142
L565p Leslie, William C.
The Physical metallurgy of steels
/ William C. Leslie. -- New York :
McGraw-Hill, c1981.
xii, 396 p. : ill. ; 25 cm. --
(McGraw-Hill series in materials
science and engineering)
- 670
R471m Materials Research Society. Meeting
(1981 : Boston, Mass.)
Materials processing in the
reduced gravity environment of space
: proceedings / ed. by Guy E.
Rindone. -- New York :
North-Holland, c1982.
xiii, 676 p. : ill. ; 24 cm. --
(Materials Research Society symposia
proceedings ; v. 9)
- 678
W137t Textile reinforcement of elastomers
/ ed. by William C. Wake, David B.
Wootton. -- London : Applied
Science Pub., c1982.
xiii, 271 p. ; 24 cm.