

SELECTED CHECK-LIST OF RESOURCE MATERIALS FOR THE TEACHING OF SURVEYING

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PREFACE

In order to make our extensive series of technical reports more readily available, we have scanned the old master copies and produced electronic versions in Portable Document Format. The quality of the images varies depending on the quality of the originals. The images have not been converted to searchable text.

P R E F A C E

This check-list is a sequel to the Classified Bibliography of Resource Material for the Teaching of Surveying that was published as Volume III of the Publications of the IXth Surveying Teachers' Conference.

Whereas the Classified Bibliography had the benefit of input and critique from the participants at the IXth Conference, this list is simply a compilation based on a search of library holdings and publishers' catalogues. As such, I trust that authors whose work has not come to our attention will understand that omissions are accidental and not intentional.

In compiling this list, Elizabeth looked for resources covering the same range of subject matter as that covered in the previous Volumes, namely: surveying (hydrographic, engineering, mining, etc.), cadastre, adjustments, cartography, geodesy, photogrammetry and remote sensing.

A list of the publications from the IXth Conference that are still available appears on the back of the front cover of this volume.

An update of Volume III of the IXth Conference publications has been compiled and will be available on request from the Department of Surveying Engineering.

It is a pleasure to acknowledge the initiative, resourcefulness and thorough workmanship that Elizabeth has applied to these, as well as to the preceding volumes.

A. C. Hamilton,

SELECTED CHECK-LIST OF RESOURCE MATERIALS
FOR THE TEACHING OF SURVEYING

This check-list includes text books, monographs and selected conference proceedings but it does not include the titles of individual papers published in journals or in conference proceedings.

Most of the items have an imprint date of 1977 or later although a few that were not included in the Classified Bibliography bear earlier dates.

The citations are arranged alphabetically by author; where possible, a personal author has been preferred over a corporate author or a title entry. The descriptions that accompany some of the entries are taken from publishers' reviews; prices indicated are approximate, and are of the currency of the country of publication unless otherwise indicated.

Elizabeth C. Hamilton

ADAMS, J.R.

Description of the local level inertial survey system and its simulation / by J.R. Adams. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1979.

-- (Research report ; 59)

\$6.00

ALDRIDGE, Trevor.

Boundaries, walls and fences / by Trevor Aldridge. -- 4th ed. -- London : Oyez Publishing Ltd., 1978.

£ 3.95

AMERICAN CONGRESS ON SURVEYING AND MAPPING.

Selected extracts from state registration laws concerned with land surveying / American Congress on Surveying and Mapping. -- Falls Church : The Congress, 1978.

60 p.

Member - \$5.00; non-member - \$10.00

AMERICAN CONGRESS ON SURVEYING AND MAPPING.

The surveyor in court / American Congress on Surveying and Mapping. -- Rev. ed. -- Falls Church : The Congress, 1978.

Reprints of pertinent articles from *Surveying and Mapping*.

Member - \$1.50; non-member - \$3.00.

AMERICAN CONGRESS ON SURVEYING AND MAPPING. METRIC SYSTEM COMMITTEE.

Metric practice guide for surveying and mapping / prepared by the Metric System Committee of the American Congress on Surveying and Mapping, with the cooperation of the Sector for Surveying and Mapping in the Construction Industries Coordinating Committee of the American National Metric Council. -- Falls Church : The Congress, 1978.

16 p. ; 28 cm.

AMERICAN SOCIETY OF CIVIL ENGINEERS.

Definitions of surveying and associated terms / American Society of Civil Engineers and American Congress on Surveying and Mapping. -- rev. ed. -- New York : The Society, 1978.

210 p. -- (ASCE Manual; 34)

The 1978 edition updates the original 1955 issue and the 1972 revision. The glossary contains current and historic land surveying terms, general surveying terms, and selected terms in several fields closely related to surveying. Includes sections on metrication and map accuracy.

\$4.00

AUSTRALIAN INSTITUTE OF CARTOGRAPHERS. WESTERN AUSTRALIAN DIVISION.

Mapping the environment; the need for a data bank / Western Australian Division, Australian Institute of Cartographers. -- Perth : The Institute, 1978.

ii, 23 p. : figures ; 295 x 210 mm.

Reviewed in *Cartography*, v.11, no.1, 1979, pp.55-56.

A\$10.00

AVERY, Thomas E.

Interpretation of aerial photographs / by Thomas E. Avery. -- 3d rev. ed. -- Minneapolis : Burgess Publishing Co., 1977. 392 p.

Reviewed by Everett A. Wingert in *American Cartographer*, v.6, no.2, 1979, pp.171-179.

Reviewed by Frederick J. Doyle in *Photogrammetria*, v.35, no.2, 1979, pp.77-79.

Reviewed by Joseph J. Ulliman in *Photogrammetric Engineering and Remote Sensing*, v.44, 1978, p.1018.

\$14.95.

BANNISTER, Arthur.

Surveying / by Arthur Bannister. -- 3d ed. -- London : Pitman, 1977.

viii, 632 p. : ill. ; 23 cm.

BARRETT, E.C.

Environmental remote sensing 2: practices and problems / edited by E.C. Barrett and L.F. Curtis. -- London : Edward Arnold Ltd., 1977.

314 p. : ill., diag. ; 234 x 176 mm.

Reviewed by J.W. Norman in *Photogrammetric Record*, v.9, no.51, 1978, pp.445-446.

£16.00.

BARRY, B. Austin.

Errors in practical measurement in science, engineering and technology / edited by B. Austin Barry and M.D. Morris. -- New York : John Wiley and Sons, 1978.

183 p.

\$18.50

BENNETT, G.G.

Field astronomy for surveyors / by G.G. Bennett and J.G. Freislich. -- Kensington : New South Wales University Press, [1979]

251 p. : ill.

Reviewed by LPA in *South African Survey Journal*, v.17, pt.2, no.101, 1979.

Reviewed by H.L. Mitchell in *Australian Surveyor*, v.29, no.5, 1979, p.357.

A\$9.90

BLACHUT, Teodor J.

Urban surveying and mapping / by Teodor J. Blachut, Adam Chrzanowski and Jouko H. Saastamoinen. -- New York : Springer-Verlag, 1979.

ix, 372 p. : ill. ; 24 cm.

Reviewed by Herbert W. Stoughton in *Surveying and Mapping*, v.39, no.3, 1979, p.262.

Reviewed by C.D. McLellan in *Canadian Surveyor*, v.33, no.4, 1979, pp.401-2.

Reviewed by J.C. Muller in *Canadian Cartographer*, v.16, no.2, 1979, pp.216-218.

Reviewed by R.B. Buckner in *Photogrammetric Engineering and Remote Sensing*, v.46, no.4, 1980, pp.491-492.

ISBN 0-387-90344-5

\$29.80

BLAHA, Georges.

Local geoid and gravity anomaly predictions using point masses / by Georges Blaha and George Hadgigeorge. -- Hanscom : Air Force Geophysics Laboratory, 1979.

18 p. -- (A.F.G.L. Environmental research paper ; 663)

BLAIR, C.L.

The Canadian landscape : map and air photo interpretation / edited by C.L. Blair and R.I. Simpson. -- 2d ed. -- Toronto : Copp Clark Pitman, 1978.

164 p. : ill., graphs, maps ; 33 cm.

For use in schools.

ISBN 0 7730 2003 9

\$10.95.

BLAIS, J.A.R.

Program SPACE-M : theory and development / by J.A.R. Blais. -- Ottawa : Surveys and Mapping Branch, Dept. of Energy, Mines and Resources : available from Printing and Publishing, Supply and Services, Canada, 1977.

ix, 67 p. : ill. ; 28 cm. -- (Scientific report series)

BOCCHIO, F.

Modern trends in geodesy : Bolletino di Geodesia e Scienze Affini, April-Sept. 1978 : a special issue in honour of Professor Antonio Marussi / edited by F. Bocchio, M. Caputo, and M. Zadro. -- Florence : Istituto Geografico Militare, [1979].

458 p.

Reviewed by J.F.B. in *Survey Review*, v.25, no.195, 1980.

BODEY, H.

Elementary surveying for industrial archaeologists / by H. Bodey. -- Aylesbury : SIRE Publications, 1977.

64 p. : ill., plans ; 21 cm.

ISBN 0-85263-370-0

BOESCH, Hans

Contributions to land use survey methods / by Hans Boesch ... *et al.* -- Berkhamsted : Geographical Publications, 1971.

67 p. : ill., maps ; 28 cm. -- (World Land Use Survey. Occasional papers ; 10)

ISBN 0-900394-01-3

BOYER, Robert J.

Early exploration and surveying of Muskoka District, Ontario, Canada / by Robert J. Boyer. -- Bracebridge, [Ontario] : Herald-Gazette Press, 1979.

69, [1] p. : ill., maps, ports. ; 28 cm.

BREED, Charles Blaney, 1875-1958.

The principles and practice of surveying / by Charles B. Breed and George L. Hosmer. -- 11th ed. / rev. by W. Faig, B. Austin Barry. -- New York ; London : John Wiley and Sons, 1977.

2 v. : ill. ; 19 cm.

Volume I:

Reviewed by Herbert W. Stoughton in *Surveying and Mapping*, v.38, no.2, 1978, p.265.

Volume II:

Reviewed by P.F. Fagan in *Cartographic Journal*, v.16, no.1, 1979, p.45.

BRETREGER, K.

Earth tide effects on geodetic observations / by K. Bretreger. -- Kensington, Australia : School of Surveying, University of New South Wales, 1978.

xiii, 160 p. : ill. ; 30 cm. -- (UNISURV report ; no.S16, 1978).

BRIGHTY, S.G.

Setting out ; a guide for site engineers / by S.G. Brighty. -- Hertfordshire, England : Granada Technical Books, 1975.

262 p. ; 210 x 148 mm.

Engineers, technicians and supervisors in the construction industry will find this a practical guide to the skills involved in setting out. The author details the correct procedures for translating plans and drawings into marks, pegs,

CONTINUED

BRIGHTY, S.G.

Setting out; a guide for site engineers ... CONTINUED

profiles and other devices for construction work of all kinds.

CONTENTS: The theodolite - Linear measurements - Survey processes - The process - Marks and profiles - Setting out road centre lines; drainage works; building works; tunnelling works; marine works; bridge works - Aids to measurement - Electronic distance measuring equipment - Co-ordinate setting out - Lasers.

£ 6.00

BRINKER, Russell

Elementary surveying / by Russell Brinker and Paul R. Wolf. -- 6th ed. -- New York : Harper and Row, 1977. 588 p.

This comprehensive, easy to understand text emphasizes fundamental theories and applications and includes more than 1,000 problems with selected answers, many practical hints, and unique illustrations. The 6th edition features a new chapter on control surveys and new information on the laser and its applications, computer mapping, photogrammetry, EDM instruments field astronomy, the National Geodetic Survey 5, and many other recent developments.

Reviewed by David Schumann in *Surveying and Mapping*, v.39, no.2, 1979, p.168.

BURNSIDE, C.D.

Mapping from aerial photographs / by C.D. Burnside. -- Hertfordshire, England : Granada Technical Press, 1979.

320 p. : ill. ; 234 x 156 mm. -- (Aspects of Modern Land Surveying)

A new volume in the "Aspects of Modern Land Surveying" series, for surveyors, engineers and geographers, this is an extremely thorough and detailed new reference book covering the theoretical bases and practical applications of modern air-survey techniques.

Reviewed by I. Newton in *Survey Review*, v.25, no.195, 1980, pp.238-239.

CANADA. SURVEYS AND MAPPING BRANCH.

Canada photographed from the air /
Surveys and Mapping Branch. -- Ottawa :
Surveys and Mapping Branch, Dept. of
Energy, Mines and Resources, 1979.

16 p. -- (Its report ; SMP 1132E)

CANADA. SURVEYS AND MAPPING BRANCH.

Canada : Third United Nations Con-
ference on the Standardization of Geo-
graphical Names - Athens, Greece, 1977.
Ottawa : Surveys and Mapping Branch, Dept.
of Energy, Mines and Resources, 1978.

323 p. -- (Its report ; SMP 1237B)

\$5.00

CANADA. SURVEYS AND MAPPING BRANCH.

Cartographic symbols and specifi-
cations of the NTS : 1:250 000 / Surveys
and Mapping Branch. -- Ottawa : Surveys
and Mapping Branch, Dept. of Energy, Mines
and Resources, 1978.

14 p. -- (Its report ; SMP 1193)

\$2.00

CANADA. SURVEYS AND MAPPING BRANCH.

Specifications and recommendations
for control surveys and survey markers /
Surveys and Mapping Branch. -- Ottawa :
Surveys and Mapping Branch, 1978.

49 p. -- (Its report ; SMP 1207E)

\$3.50

CANADA. SURVEYS AND MAPPING BRANCH. LEGAL
SURVEYS DIVISION.

Manual of instructions for the survey
of Canada lands / Legal Surveys Division,
Surveys and Mapping Branch. -- 2d ed. --
Ottawa : Surveys and Mapping Branch, 1979.
106 p.

CONTENTS: Statutory and other pro-
visions. -- General instructions for
survey. -- Administrative requirements
and procedures. -- Surveys of mineral
claims. -- Surveys of oil and gas rights
in the Territories and Offshore. -- Surveys
of oil and gas surface rights in Indian
lands.

\$10.00 (in Canada) ; \$12.00 (other
countries)

CANT, G.P.

Determination of bearings of an object
by oblique terrestrial photogrammetry / by
G.P. Cant. -- Sackville, N.B. : Mount
Allison University, 1978.

9 leaves : ill. ; 28 cm. -- (Internal
note - Chignecto Research Group of Mount
Allison University ; no. 8)

ISBN 0-88828-016-5

CARTER, D.J.

The United Kingdom from space (2) /
by D.J. Carter and H.J.P. Arnold. --
Havant, Hampshire : Space Frontiers Ltd.,
1977.

Kit - 14 p. + 12 transparencies.

Reviewed by K.B. Atkinson in *Photo-
grammetric Record*, v.9, no.51, 1978, p.437.

£ 2.85

CHAMBERLAIN, Charles A.M.

Mathematical models for horizontal
geodetic networks / by C.A.M. Chamberlain.
-- Fredericton : Dept. of Surveying
Engineering, University of New Brunswick,
1977.

-- (Research report ; 43)

\$11.25

CHASE, Heman.

More than land : stories of New
England country life and surveying / Heman
Chase ; foreward by Lael Wertebaker ;
wood engravings by Randy Miller. -- Dublin,
N.H. : W.L. Bauhan, 1975.

xiii, 159 p. : ill. ; 21 cm.

Reviewed by Herbert W. Stoughton in
Surveying and Mapping, v.37, no.4, 1977,
p.363.

ISBN 0-87233-045-1

\$4.95

CHRZANOWSKI, Adam

Design and error analysis of survey projects / by Adam Chrzanowski. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1977.

-- (Lecture notes ; 47)

\$6.00

COLLINS, W.G.

Remote sensing applications in developing countries / by W.G. Collins and J.L. Van Genderen. -- Birmingham : The Remote Sensing Society, 1978.

101 p.

Reviewed by Thomas K. Budge in *Photogrammetria*, v.35, no.5, 1980, p.199.

CORBETT, James P.

Topological principles in cartography / by James P. Corbett. -- Washington : Bureau of the Census, 1979.

-- (United States. Bureau of the Census. Technical paper ; no.48)

CRAWFORD, Joan M.

Documentation of the Software for the interactive survey network design system / by Joan M. Crawford. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1978.

-- (Research report ; 50)

\$6.00

CRONE, G.R.

Maps and their makers / G.R. Crone. -- 5th ed. -- Hamden, Conn. : Shoestring Press, 1978.

152 p. : ill.

Reviewed by George Kish in *American Cartographer*, v.7, no.1, 1980, pp.86-87.

\$22.50

DALE, P.F.

Cadastral surveys within the Commonwealth / by P.F. Dale. -- London : Her Majesty's Stationary Office, 1976.

xxv, 281 p. : maps, diag. ; 245 x 155 mm. -- (Overseas Research Publication ; no. 23)

Reviewed by R.B. Bird in *Photogrammetric Record*, v.9, no.50, 1977, pp.303-305.

Reviewed by P.V. Angus-Leppan in *Australian Surveyor*, v.29, no.6, 1979, pp. 447-450.

Reviewed by A.C. McEwen in *Canadian Surveyor*, v.32, no.1, 1978, pp.152-5.

Reviewed by Colin Martin in *South African Survey Journal*, v.16, pt. 1, no. 94, p.37.

Reviewed by D. Jayanandan in *Surveying and Mapping*, v.37, no.3, 1977, p.265.

DALLAS, R.W.A.

Architectural photogrammetry / by R.W.A. Dallas. -- 2d ed. -- London : Commonwealth Association of Architects, 1978.

Tape/slide programme.

Reviewed by K.B. Atkinson in *Photogrammetric Record*, v.9, no.53, 1979, p.709.

£10.80

DARIN-DRABKIN, H.

Land policy and urban growth / by H. Darin-Drabkin. -- Oxford : Pergamon Press, 1977.

454 p. : ill. -- (Urban and regional planning series ; v.16)

A comparative study using data from both the industrialized and developing countries of land prices and land policies and their impact on the patterns of urban growth, this book is aimed at all those concerned with urban planning.

DAVIES, Merton E.

Control net of Mars : February 1978 / Merton E. Davies, Frank Y. Katayana, James A. Roth ; prepared for the National Aeronautics and Space Administration. -- Santa Monica : Rand Corp., 1978.

-- (Report - Rand Corporation ; R-2309-NASA)

ISBN 0-8330-0063-2

DEEPAK, Adarsh.

Inversion methods in atmospheric remote sensing / edited by Adarsh Deepak. -- London : Academic Press, 1977.
622 p.

ISBN 0-12-208450-0

\$32.00

DEHLINGER, Peter

Marine gravity / by Peter Dehlinger. -- New York : Elsevier North Holland, 1978.

xii, 322 p. -- Elsevier Oceanography series ; 22)

This book provides a complete, up-to-date reference for those working with the earth's gravity field, especially in marine areas. It opens with an overview and historical development of earth gravity then develops principles of the earth's secular and time-varying gravity fields, summarizes knowledge regarding the interior of the earth, plate tectonics and processes in the lithosphere and asthenosphere, and discusses gravity measuring instruments. Subsequent chapters describe data reduction, anomaly computation, and analytical methods of interpretations, together with gravity-anomaly maps, profiles, and selected crustal and subcrustal sections of various marine areas.

ISBN 0-444-41680-3

\$70.75

DENMAN, D.R.

The place of property : a new recognition of function and form of property rights on land. 1978.

DERENYI, Eugene.

Analogue photogrammetry / by Eugene Derenyi. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1977.

-- (Lecture notes ; 46)

\$4.50

DOWNING, M.F.

Landscape construction / by M.F. Downing. -- London : E. & F.N. Spon, Ltd., [1978?]
247 p.

Reviewed by B.C. Foster in *Australian Surveyor*, v.29, no.4, 1978, p.296.

A\$28.10

DRACUP, Joseph

Horizontal control as applied to local surveying needs / by Joseph F. Dracup and Carl F. Kelley. -- Falls Church: American Congress on Surveying and Mapping, 1978 reprint.

126 p.

\$5.00

DRACUP, Joseph

Surveying instrumentation and coordinate computation workshop lecture notes / by Joseph F. Dracup and others. -- Falls Church : American Congress on Surveying and Mapping, Control Surveys Division, 1973.

viii, 208 p. : ill. ; 29 cm.

DRAKE, B.

The title and boundaries of New Brunswick highways / by B. Drake. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1977.
-- (Research report ; 47)

\$8.25.

DRUMMOND, JANE E.

Optimum specifications for large scale urban mapping using conventional photogrammetry - a study of existing techniques / by Jane Drummond. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1977.

-- (Research report ; 44)

\$8.25

DRUMMOND, R. Norman.

Mapping of geomorphology from air photos : module no. 3 for course 183-201 A/B, introduction to cartography and air photo interpretation / by R. Norman Drummond. -- Rev. ed. -- Montreal : Dept. of Geography, McGill University, 1976.

DUGDALE, R.H.

Surveying / by R.H. Dugdale. -- 2d ed. -- Plymouth : MacDonald & Evans, 1970, 1974 printing.
128 p. : ill.

The author of this book is keen to emphasise the practical nature of surveying. Thus Chapter 1 describes the construction of instruments, chapters 2 to 5 deal mainly with instrument techniques, while each of the later chapters is grouped around its own mathematical theme. This title is part of the Examination Subjects for Engineers and Builders series.

ISBN 0-7121-1917-5

£ 1.50.

EL-ASHRY, Mohamed T.

Air photography and coastal problems / edited by Mohamed T. El-Ashry. -- Stroudsburg, PA : Dowden Hutchinson and Ross, Inc., 1977.
425 p. -- (Benchmark papers in geology series)

Reviewed by W.A. Price in *Photogrammetria*, v.35, no.1, 1979, p.39.

ISBN 0-12-786410-5

\$35.00

EL-HAKIM, Sabry

Analytical and semi-analytical photogrammetric programs - theory and user's manual / by S. El-Hakim, and W. Faig. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1979.

-- (Research report ; 64)

\$20.00

EL-HAKIM, Sabry

Potentials and limitations of photogrammetry for precision surveying / by S.F. El-Hakim. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1979.

-- (Research report ; 63)

\$8.25.

ELLIS, P.J.

LANDSAT II over New Zealand : monitoring our resources from space / edited by P.J. Ellis, I.L. Thomas and M.J. McDonnell. -- [Wellington] : New Zealand Dept. of Scientific and Industrial Research, 1978.
450 p. -- (Its Bulletin ; 221)

Reviewed by Charles J. Robinove in *Photogrammetric Engineering and Remote Sensing*, v.46, no.4, 1980, pp.492-493.

NZ\$20.00

ENGELS, Remi C.

Finite element models of the earth's gravity field / by Remi C. Engels and John L. Junkins. -- [Blacksburg] : Virginia Polytechnic Institute and State University Blacksburg, Dept. of Engineering Science and Mechanics, 1979.
152 p.

Final report on Phase 4.

Methods are developed and demonstrated for constructing piecewise local models for gravity anomalies. The approach is shown to be computationally more efficient (by a factor of about 20) than competing methods. The report includes software listings and test cases.

ENTERKIN, Hugh

Estimating for builders and surveyors / by Hugh Enterkin and Gerald Reynolds. -- 2d ed. -- London : William Heinemann, 1978.
352 p. : ill. ; 222 x 143 mm.

ISBN 434-90542-9

£4.90

EVETT, Jack B.

Surveying / by Jack B. Evett. -- New York : John Wiley and Sons, 1979. xiv, 273 p. : ill. ; 24 cm.

ISBN 0-471-03132-1

\$15.95

EXPERIMENTAL CARTOGRAPHY UNIT.

Land use mapping by local authorities in Britain / a report commissioned by the Dept. of the Environment and prepared by the Experimental Cartography Unit. -- London : The Architectural Press, 1978. vii, 63 p. ; 31 cm.

Reviewed by A. Coleman in *Cartographic Journal*, v.16, no.2, 1979, pp. 117-118.

£10.00

FRANKICH, K.

A study in conformal mapping / by K. Frankich. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1977.

-- (Research report ; 45)

\$3.75.

FRASER, Esther.

Wheeler / by Esther Fraser. -- Banff : Summerthought, 1978. 164 p. : ill. ; 24 cm.

ISBN 0-919934-07-2

\$14.95

FRIENDLY, Alfred

Beaufort of the Admiralty : the life of Sir Francis Beaufort / by Alfred Friendly. -- London : Hutchinson, 1977. 362 p., 2 leaves of plates : ill. ; 24 cm.

ISBN 0-09-128500-3

FYFE, W.S.

Fluids in the Earth's crust / by W.S. Fyfe, N.J. Price and A.B. Thompson. -- New York : Elsevier North Holland, 1979. 388 p.

FYMAT, Alain L.

Remote sensing of the atmosphere; inversion methods and applications / edited by Alain L. Fymat and Vladimire E. Zuev. -- Amsterdam : Elsevier North Holland, 1978.

xviii, 328 p. -- (Developments in Atmospheric Science ; 9)

This volume contains a selection of refereed articles by leading international experts, presented at a Symposium held during the Second Special Assembly of IAMAP in Seattle, Washington, 1977.

ISBN 0-444-41748-6

\$60.00 (U.S.)

GETIS, Arthur

Models of spatial processes / by Arthur Getis and Barry Boots. -- Cambridge : Cambridge University Press, 1978. 198 p.

\$19.95.

GHOSH, S.K.

Analytical photogrammetry / by S.K. Ghosh. -- Oxford : Pergamon Press, 1979. 231 p.

Analytical Photogrammetry deals with the solution of problems by mathematical computations by using measurements made on the photographs as input data. Inherent in these are various "mathematical models" representing relations between points in the object space and their corresponding photographic images. Analytical Photogrammetry explains handling problems beyond the capabilities of analog instruments, the handling of non-conventional imaging systems, and the use of auxiliary information or information of unequal reliabilities.

ISBN 0-08-023883-1 h

\$25.00 (U.S.)

GIBSON, H. Lou.

Photography by infrared : its principles and applications / by H. Lou Gibson. -- 3d ed. -- New York : John Wiley and Sons, 1978.

545 p. : figures, tables ; 234 x 155 mm.

(Third edition of "Photography by Infrared" by W. Clark)

Reviewed by G.H. Thomson in *Photogrammetric Record*, v.9, no.53, 1979, p. 718.

Reviewed by R.D. Hudson Jr. and J. Wordsworth Hudson in *Photogrammetria*, v.35, no.5, 1980, pp.161-162.

Reviewed by Norman L. Fritz in *Photogrammetric Engineering and Remote Sensing*, v.45, 1979, p.294.

£21.15

GREAT BRITAIN. ORDNANCE SURVEY.

Student map pack - dissected highland area : Maesteg, South Wales / study notes by G. Humphrys. -- Southampton : Ordnance Survey, 1978.

Kit. -- (Educational Map series ; no. 10A)

Reviewed by V. Brown in *Photogrammetric Record*, v.9, no.54, 1979, pp.867-868.

£3.75

GREAT BRITAIN. ORDNANCE SURVEY.

Student map pack - industrial area : Washington New Town / study notes by D.J. Blair. -- Southampton : Ordnance Survey, 1978.

Kit. -- (Educational Map series ; no. 11A)

Reviewed by V. Brown in *Photogrammetric Record*, v.9, no.54, 1979, pp.867-868.

£3.75

GRIME, Alexander R.

Latitude and longitude / Alexander R. Grime ; ill. by Stan Morton. -- Bath, Ont. : Longview House ; [Toronto : distributed by Clarke, Irwin] 1977.

11 p. : col. ill. ; 23 cm. -- (Map concepts and skills ; no.1)

GROSSMAN, Walter

Vermessungskund III (Sammlung Goschen Band 2162) / Walter Grossman. -- 11th ed. -- Berlin : Walter de Gruyter, 1979.

209 p.

Reviewed by J. Van Mierlo in *Photogrammetria*, v.35, no.5, 1980, p.200.

DM16.80

GROTEN, Erwin

Geodesy and the earth's gravity field / by Erwin Groten. -- Bonn : Ferdinand Dummlers Verlag, 1978, 1979.

2 v.

CONTENTS: v.1. Principles and conventional methods. - v.2. Geodynamics and advanced methods.

Volume 1:

Reviewed by L.A. White in *Survey Review*, v.25, no.194, 1979, p.191.

GUELKE, Leonard.

The nature of cartographic communication / edited by Leonard Guelke. -- Toronto : B.V. Gutsell, 1977.

ix, 147 p. : ill., diag., maps ; 25 cm. -- (Cartographica monograph ; no.19)

Supplement no.1 to *Canadian Cartographer*, v.14, 1977.

Reviewed in *Cartography*, v.11, no.2, 1979, p.122.

ISBN 0-919870-19-8

\$5.00

Hamilton, Angus C.

The principal concepts for a long-term mapping program in the Maritime provinces / by A.C. Hamilton and Rejean Castonguay. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1978.

-- (Research report ; 53)

\$6.00

HAMILTON, Angus C.

Remote sensing for renewable resource monitoring in the Maritime provinces / by A.C. Hamilton. -- Fredericton : Dept. of Surveying Engineering, University of New Brunswick, 1978.

-- (Research report ; 62)

\$6.00

HAYTON, David J.

Registered land / by David J. Hayton. -- 2d ed. -- London : Sweet and Maxwell, 1977.

xix, 214 p. ; 20 cm. -- (Modern Legal Studies)

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Clearly and concisely written, this text introduces students of chemical, civil, electrical and mechanical technology to the basic principles needed for economic decision making in technology. Specifically designed for two-year technical students, it focuses on the basic economic principles necessary to insure that technically feasible projects are also profitable business ventures.

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