This Bulletin is the first one to be issued since the H.W. Wilson Company handed over its publication to the British Committee for the Bliss Classification last year. This change in publisher was noted in the last issue (Vol. III, No. 3, December 1966) in which acknowledgment was made of the Committee's indebtedness to the H.W. Wilson Company.

On the 19th May 1967 the British Committee for the Bliss Classification held a general meeting of users of the BC at the headquarters of the Library Association, London. Some forty users attended. At this meeting a new body was formed, the Bliss Classification Association, and a working Committee was elected, as follows:

C.B. Freeman (Institute of Education, Hull University)
S. Green (National College of Food Technology)
A.J. Horne (Commonwealth Institute)
A. Malthy (School of Librarianship, Liverpool College of Commerce)
J. Mills (School of Librarianship, North-Western Polytechnic)
K. Morton (Hospital Centre)
Miss M.F. Smith (University of London)
E.R. Stone (School of Librarianship, Ealing Technical College)

The Committee met later in the summer and agreed on the membership subscriptions given at the end of this Foreword. Notices of these and of an inaugural meeting of the Bliss Classification Association to be held in October were sent to all persons and institutions on the H.W. Wilson Company's existing mailing list.
An inaugural meeting of the BCA was held (at the Library Association) on the 20th October 1967. The working Committee submitted draft rules for the Association and these were discussed and some amendments made. The rules, as amended and accepted, are given at the end of this account of BCA matters.

At the inaugural meeting, the Hon. Treasurer reported that a total of 71 applications for membership or subscriptions to the Bulletin had been received. This was sufficient to enable the BCA to finance the production and distribution of the Bulletin but it was agreed that efforts should be made to increase the membership. It was assumed that the figure of 71 would be increased since subscriptions were still trickling in. A list of members at the time of preparation of this Bulletin is found below. It was agreed that at present it seemed unnecessary to hold more than an annual general meeting, which would be in October. Members would be notified personally of the date of the A.G.M.

The question of the maintenance of the BC was also discussed. It was agreed that the Bulletin should continue to be issued not less than once a year. The physical production and distribution of the Bulletin will be supervised by Mr. J. Ruck, Librarian of the Institute of Education at the University of Exeter, and the Committee expressed its gratitude to Mr. Ruck for this valuable service.

Regarding a new edition of the BC, it was clear that the BCA would require full time assistance if one is to be produced within a reasonable time. One promising solution to this might be the appointment of a Research Assistant at the North-Western Polytechnic, working under the direction of the Hon. Editor. It would be necessary to obtain a supplementary grant in order to offer an adequate salary for such an assistant and it was agreed that the Committee should approach a number of grant-awarding bodies to this effect.

Meanwhile, useful preparatory work could be undertaken by different members concerned with a common subject area and cooperation between such members and between them and the Hon. Editor was urged.

Schools' edition of the BC: this is now in an advanced stage of printing and binding and will be published some time in December 1967. It is called The Abridged Bliss Classification and is published by the School Library Association. The price is £2 per single copy, plus 1s. 6d. postage if ordered direct from the SLA (150, Southampton Row, London, W.C.1.)

This Bulletin's schedules: following the practice of the last three Bulletins these consist of substantial additions to the BC in a number of technical fields in which the detail up to now has been deficient.
As before, some of the new schedules are based on those produced by the British National Bibliography as Supplementary Schedules and we are indebted to the BNB for its assistance. We also wish to thank Mr Stanley Brett of the North-Western Polytechnic for assistance in the Printing schedule, and Mr David Hope, of the Loughborough School of Librarianship who contributed most of the schedule on Solid State Physics. Mr Hope was kindly assisted by members of the Physics department at the University of Lancaster.

Future Correspondence: Please note that all communications regarding the BCA other than those relating to subscriptions should be addressed to Mr. A.J. Horne, The Hon. Secretary, Bliss Classification Association, c/o Commonwealth Institute, Kensington High Street, London, W.8.

Subscriptions should be sent to Mr. E.R. Stone, the Hon. Treasurer, Bliss Classification Association, 11, Woodland Avenue, Guilford, Surrey.

Please note also that the address of the School of Librarianship, North-Western Polytechnic has changed and is now as below.

J. Mills  
Hrn. Editor  

School of Librarianship,  
North-Western Polytechnic,  
207-225 Essex Road,  
London, N.1.
Bliss Classification Association

List of members

British Isles

Miss Joan Allen,
124 Hurst Grove,
Bedford.

The Librarian,
Aslib,
3, Belgrave Square,
London, S.W.1.

The Librarian,
Birkbeck College,
Malet Street,

The Librarian,
Bishop Grosseteste College,
Lincoln.

The Editor,
British National Bibliography,
British Museum,

The Librarian,
University of Cambridge,
(Department of Zoology),
Downing Street,
Cambridge.

Dr. D.J. Campbell,
54, Hurst Rise Road,
Cumnor Hill,
Oxford.

The Librarian,
Canterbury College of Art,
St. Peter's Lane,
Canterbury, Kent.

The Librarian,
Chester Beatty Research Institute,
Fulham Road,
London, S.W.3.

The Librarian,
College of Librarianship, Wales,
Llanbadarn Fawr,
Aberystwyth,
Cardiganshire, Wales.

The Librarian,
Commonwealth Institute,
Kensington High Street,

Mr. G.D. Davies,
25 Hart Drive,
Sutton Coldfield,
Warwickshire.

The Librarian,
Central Library,
St. James's Road,
Dudley, Worcs.

The City Librarian,
Exeter City Library,
Castle Street,
Exeter, Devon.

The Librarian,
Exeter College,
Oxford.

The Librarian,
The Haberdashers' Aske's School,
Elstree, Herts.
The Bliss Classification Bulletin

The Librarian,  
Hornsey College,  
Cambridge.

The Librarian,  
The Hospital Centre,  
24, Notford Place,  

The Librarian,  
Institute of Criminology,  
7 West Road,  
Cambridge.

The Librarian,  
Institute of Education,  
50, Wellington Road,  
Birmingham, 15.

The Librarian,  
Institute of Education,  
Old Shire Hall,  
Durham City.

The Librarian,  
Institute of Education,  
173, Cottingham Road,  
Hull, Yorks.

The Librarian,  
Institute of Education,  
St Thomas Street,  
Newcastle-upon-Tyne, 1.

The Librarian,  
Institute of Education,  
University of Sheffield,  
The University,  
Sheffield, 10.

The Librarian,  
Institute of Psychiatry,  
De Crespiigny Park,  
Denmark Hill,  
London, S.E.5.

The Librarian,  
University of Lancaster,  
 Bailrigg,  
Lancaster.

The Librarian,  
The Library Association,  
7, Ridgmount Street,  
Store Street,  

The Librarian,  
Linnaean Society of London,  
Burlington House,  
Piccadilly,  

Mr. A. Maltby,  
30 Glenmore Avenue,  
Liverpool 18.

The Librarian,  
Malvern Girls' College,  
Malvern, Worcs.

The Librarian,  
Manchester College of Commerce,  
Aytoun Street,  
Manchester, 1.

The Tutor-Librarian,  
Manchester College of Education,  
Long Millgate,  
Manchester 3.

The Librarian,  
Merton College,  
Oxford.

The Librarian,  
Ministry of Health,  
Alexander Fleming House,  
Elephant and Castle,  
London, S.E.1.

The Librarian,  
Municipal College of Commerce,  
Carlton House,  
Jesmond Road,  
Newcastle-upon-Tyne, 2.
<table>
<thead>
<tr>
<th>The Librarian</th>
<th>Classifications Bulletin</th>
</tr>
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<tbody>
<tr>
<td>Department of Librarianship,</td>
<td>December 1967</td>
</tr>
<tr>
<td>University of Strathclyde,</td>
<td>Page 6</td>
</tr>
<tr>
<td>Richmond Street, Glasgow</td>
<td></td>
</tr>
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<td>The Librarian, University College, Oxford</td>
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<td>Miss M. Wilks, 55, Cliveden Road, London, S.W.19</td>
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<td>South Farm Road, Worthing, Sussex.</td>
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<td>Overseas (arranged by Country and City)</td>
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<td>The Librarian, University of Tasmania, Hobart,</td>
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<td>Tasmania, Australia.</td>
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<td>The Librarian, National Book League, 7, Albermarle</td>
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<tr>
<td>Street, London, W.1.</td>
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<td>The Librarian, National Bureau for Co-operation in</td>
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<tr>
<td>Child Care, 1, Fitzroy Square, London, W.1.</td>
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<td>The Librarian, National College of Food Technology,</td>
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<tr>
<td>(University of Reading), St. George’s Avenue,</td>
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<td>Weybridge, Surrey.</td>
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<td>The Librarian, Royal Belfast Academical Institution,</td>
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<td>Belfast, N.I.</td>
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<td>The Librarian, Royal Institution, 21, Albermarle</td>
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<tr>
<td>Street, London, W.1.</td>
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<tr>
<td>The Librarian, Haworth Building, St. Hilda’s College,</td>
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<td>Durham City.</td>
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<tr>
<td>The Director, School of Librarianship, Loughborough</td>
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<tr>
<td>Technical College, Radmoor, Ashby Road, Loughborough,</td>
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<td>The Librarian, Scottish Hospital Centre, Crewe Road</td>
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<td>South, Edinburgh 4.</td>
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<td>The Librarian, Sedgeley Park College, Prestwich,</td>
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<td>Manchester.</td>
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The Bliss Classification Bulletin

December 1967

The City Librarian
(Periodicals Dept.),
Public Library,
Market Square,
Johannesburg, South Africa.

The Head,
Library School Collection,
State University of New York at
Albany, N.Y. 12223, U.S.A.

Simmons College (School of Library Science),
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The Librarian,
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215 Ryerson Street,
Brooklyn, N.Y. 11205, U.S.A.

Mr. T.P. Alburger,
234 Lakeview Avenue,
Cambridge, Massachusetts 02138, U.S.A.

The Librarian,
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School of Theology at Claremont,
Claremont, California 91711, U.S.A.

Bibliographic Systems Centre,
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School of Library Science,
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Université de Montréal,
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Canada.

The Librarian,
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Ottawa 2, Ontario, Canada.

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Miss Joan McLaughlin,
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New Zealand.

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P.O. Box 56,
Dunedin, New Zealand.

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Private Bag,
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The Librarian,
President Kennedy Library,
Institute of Administration,
P.M.B. 1013, Zaria,
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Catherine Spalding College,
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Louisville,
Kentucky 40203, U.S.A.

The Librarian, (Serials Division),
University of Minnesota Libraries,
Minneapolis, Minnesota 55455, U.S.A.

The Librarian, (Periodicals Dept.),
George Peabody College for Teachers,
Nashville, Tennessee 37203, U.S.A.

Miss Ruth Ulman,
The H.W. Wilson Company,
950 University Avenue, Bronx,
New York 10452, U.S.A.

The Librarian, (Serials Dept.),
University of Illinois Library,
Urbana, Illinois 61801, U.S.A.

ADDENDA.

The Librarian,
National Foundation for Educational Research,
The Mere, Upton Park,
Slough, Bucks.
RULES OF THE B.C.A.

(1) The body shall be known as Bliss Classification Association.

(2) The Bliss Classification Association exists to promote the use and development of the Bliss Bibliographic Classification, by meetings, the publication of a bulletin, and other means.

(3) Membership is open to all persons and bodies using and/or interested in the Bliss Bibliographic Classification.

(4) The annual subscription rates shall be determined by members at the Annual General Meeting.

(5) The affairs of the Association shall be governed by a Committee consisting of eight members elected at the Annual General Meeting. The voting body shall consist of paid-up personal and corporate members. Corporate bodies are entitled to send one voting delegate per subscription.

(6) The Honorary officers of the Association shall be elected by the Committee itself and shall consist of Chairman, Editor of the Bulletin, Secretary and Treasurer.

(7) The quorum at a meeting of the Committee shall be four of whom one must be an Honorary Officer.

(8) An Annual General Meeting of the Association, of which at least four weeks notice shall be given, shall be held each year on a date to be determined by the Committee. The quorum for an A.G.M. shall be 10 members. The Committee shall submit to the Annual General Meeting for approval a report on its work and on the income and expenditure of the Association for the year ending on the previous 31st July. The Annual General Meeting shall also elect an Honorary Auditor, who shall not be a member of the Association's Committee.

(9) Non-members may be invited to attend meetings of the Association but shall not be eligible for office and shall not have power to vote.

(10) Provided that notice is given not less than 15 days before the meeting, these rules may be amended at an Annual or Extraordinary General Meeting of the Association. An amendment shall be deemed carried by a two-thirds majority of the members present and voting. An Extraordinary General Meeting shall be called at the request of not less than 20 members of the Association. The quorum for an Extraordinary General Meeting shall be 20% of the members normally resident in the U.K.
SUBSCRIPTION RATES FOR BC BULLETIN

The Bulletin will be sent only to paid-up members of the Association or on receipt of a payment for the Bulletin only. Membership subscriptions are as follows:

- Personal member: £1
- Institutional member - Primary/Secondary Schools: £1
- Institutional member - other bodies: £2
- Additional copies of Bulletin for members: 10/- each
- Cost of Bulletin to non-members: £2 for the first copy of an issue, 10/- for each additional copy

Note: Exchange rates, December 1967 are:

- £2.50 (U.S.) = £1
- £1.25 (U.S.) = 10/-
- $3.00 (Can.) = £1
- $1.50 (Can.) = 10/-
ADDITIONS AND CORRECTIONS

BGP/EGQ   Delete existing classes and references and replace by:

BGP        Solids
Solid state physics
Structure and properties of materials
                      Properties
BGP D        Mechanical
BGP E        Density, Compression
BGP F        Deformation
BGP G        Elasticity
BGP H        Relaxation
BGP I        Plasticity
BGP J        Internal friction
BGP K        Cohesion, Adhesion
BGP L        Chemical
BGP P        Crystal growth (including imperfections, dislocations)
BGP Q        Surface (adsorption, etc.)
BGP R        Absorption
BGP S        Diffusion
BGP U        Thermal
B P V        Optical
BGP W        Magnetic
BGP X        Electric (including Conductivity, Photoconductivity)

Solids by condition
BGP C        Low temperature
BGP E        High pressure

Solids by part
BGP G        Surface

Solids by size
BGP I        Small particle (including powder, dust)

Solids by shape
BGP K        Film

Solids by structure
BGP M        Crystal
BGP N        Non-crystalline (amorphous)
BGP O        Non-homogeneous

Solids by electrical properties (mainly)
BGP Q        Metal
BGP S        Semi-metal
BGP T        Non-metal

BGP V        Semi-conductor
BGP W        Insulator

Example of retroactive number-building:
Diffusion in metals    BGP Q,S
Metallography (etc.)

Delete, and replace by new schedule:

(Note: headings to be altered are listed at the end)

CKB

Physical and Chemical Metallurgy

CKB F

Physical metallurgy

CKB H

Metallography

CKB I

Microscopy

CKB J

Specimens (preparation, etc.)

CKB L

Polarisation microscopy

CKB N

Ultra-violet microscopy

CKB P

Electron microscopy

CKB R

X-ray technique

CK C

Crystal grain structure

CKC F

Crystal structure, crystallography

CKD

Grain structure

CKD F

Defects

CKD G

Dislocations

CKD J

Solid solutions

CKD L

Boundaries

CK E

Physical properties and associated behaviour

CKF

Thermal

CKF F

Thermodynamics

CKF G

Phase transformations

CKF H

Phase equilibria

CKF J

High temperature, Refractory

CKF K

Low temperature

CKF M

Magnetic

CKF N

Electrical

CKF O

Optical

CKF Q

Mechanical

CKF R

Deformation, Stress

CKF S

Plastic deformation

CKF T

Creep

CKF U

Fatigue

CKF V

Brittleness

CKF VL

Liquid metal embrittlement

CKF W

High velocity deformation

CKG

Surfaces

CKH

Chemical Metallurgy

CKH F

Reactions

CKH G

Corrosion

CKH J

Analysis

CKH L

Determining gases

CKH M

Determining special materials
Determining special materials
Use chemical symbols as at BNZM (BC Bulletin, September 1964) e.g., Determination of aluminium

Special methods of analysis
Divide like CG - e.g., CKH PT Gravimetric

Change to form shown above in new schedule

Move to CKH I

Change to form shown above in new schedule

HSE H
Operative surgery - complications
Amend note (BC Bull, Dec. 1966) to read:
Complications (n.b. - this is to be used only as a qualifier of terms below, adding EH; e.g.,
Anaesthesia - General - Intravenous - Complications
HSK qEH)

Delete, and replace by new schedule for Printing
Note: headings to be altered, and examples of number-building are given at the end.

Printing
Management
Finance
Selling
Estimating
Materials and equipment
Properties
Inks
Equipment
Properties
Safety
Works and plant
Lighting
Machinery
Printing Operations
Typography, design, layout
Composition
Film setting see also VTH P
Computer typesetting
Proof correcting
Press work
Inking
Rollers
Multi-colour inking
(VTF
VTG B  Multi-colour inking
VTG D  Hand presswork
VTG F  Machine presswork
VTG H  Folding
VTG M  Stapling

Methods of producing impression
  By equipment
VTG O  Blocks
VTG P  Plates
VTG Q  Types
  By process
VTG S  Offset
VTG U  Printing surfaces
VTG V  Replicas
VTG VT  Transfers
VTG X  Printing surfaces bearing manually produced designs
VTH  Printing surfaces of composed type units
VTH P  Photomechanically produced printing surfaces
VTH R  Reduced
VTH S  Magnified
VTH Z  Relief surfaces

VTI  Letterpress (N.b. VTI/VTJ are not amplified by the divisions VTH/VTH above)
VTI D  Typography, design, layout
VTI F  Physically making the type
VTI G  Cutting
VTI H  Founding
VTI HC  Casting
VTI J  Composition, Typesetting
VTI K  Hand
VTI L  Machine
VTI M  Linotype
VTI N  Intertype
VTI O  Monotype
VTI P  Proof correcting
VTI Q  Press work
VTI R  Make ready
VTI S  Inking
VTI T  Colour Work
VTJ B  Hand press work
VTJ D  Machine press work
VTJ F  Flat bed
VTJ G  Platen
VTJ J  Cylinder
VTJ K  Rotary
(VTJ K) Rotary
VTJ M Folding
VTJ N Stapling
VTJ P Copying the printing surface. Platemaking
VTJ S Stereotypes
VTJ T Electrotypes
VTJ Photoengraving
VTJ P Copying the printing surface. Platemaking
VTJ Q Powderless etching
VTJ Intaglio
VTJ M Photogravure
VTJ O Collotype
VTJ S Stencil
VTJ T Silk screen
VTJ Z Planographic
VTM Lithography
VTM GS Offset
VTM HP Photolithography
VTM Z Typographical elements
VTN Letters and numerals
VTN P Type design
VTN R Kinds of type design (Gothic, Sans Serif, Script, etc.)
VTN S Individual designers, A-Z
VTN T Special notation
VTN V Mathematical
VTN W Musical
VTO Pictures. Illustrations
VTO K Half tone
VTO KT Tone values
VTO L Decoration
VTO N Special subjects served; e.g., Botany
VTO P Products of printing
VTO Q Imprints
VTO R Publisher's
VTO S Printer's
VTO T Devices, marks
VTO TS Printer's
VTP Books (Alternative to ZCC D)
VTP P Text
VTP Q Preliminaries
VTP R Dedications
VTP S Subsidiaries
VTP T Dust Jackets
VTP U Specific books, by author/title, A-Z (e.g., Bible)
VTP V Serials
VTP W Trade catalogues
(VTW) Trade Catalogues
(VTX) Cumulative indexes
(VTQ) Newspapers
(VTQ M) Miscellaneous (Billheads, Trade cards, Jobbing work, Display work, etc.)

(VTQ N) Maps
(VTQ P) Pictures
(VTQ R) Posters
(VTQ S) Broadsheets
(VTQ T) Banknotes
(VTQ V) Stamps
(VTQ X) Braille
(VTQ Y) Printing on surfaces other than paper

(VTB) Move to VTM Z, VTN, VTP, VTS (according to specific meaning)

(VTB & VTC) Move to VTO L; delete note
(VTD) Move to VTI G
(VTE) Move to VTI H, VTI HC
(VTF) Move to VTI J
(VTFT) Move to VTI K
(VTES) Move to VTI L
(VTFS) Move to VTI M
(VTFT) Move to VTI N
(VTJ) Move to VTI O
(VTJ) Move to VTC X
(VTL) Move to VTE (or VTI Q specifically)
(VTM) Move to VTI B (or VTI F or VTI G specifically)
(VTN) Move to VTI J

(VTN K/Y) Delete - use VTJ J
(VTO) Delete - use VTJ J
(VTP) Move to VTI Q
(VTQ) Move to VTI S

Examples of retroactive number-building:
Presswork equipment (letterpress) VTI QCM
Handpress in book production VTP GB
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<td>Adhesion (Solids, Physics)</td>
<td>EGP L</td>
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<td>Adsorption (Solids, Physics)</td>
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<td>Amorphous Solids (Physics)</td>
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<td>Analysis (Chemical Metallurgy)</td>
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<td>Banknotes (Printing)</td>
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<td>Billheads (Printing)</td>
<td>VTQ M</td>
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<td>Blocks (Impression, Printing)</td>
<td>VTQ O</td>
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<td>Books (Printing)</td>
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<tr>
<td>Boundaries (Grain structure, Metallurgy)</td>
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<td>Braille (Printing)</td>
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<td>Britteness (Metallurgy)</td>
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<td>Broadsheets (Printing)</td>
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<td>Casting type (Printing)</td>
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<td>Chemical and physical metallurgy</td>
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<td>Chemical properties (Solids, Physics)</td>
<td>EGP O</td>
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<tr>
<td>Cohesion (Solids, Physics)</td>
<td>EGP L</td>
</tr>
<tr>
<td>Collotype (Printing)</td>
<td>VTL C</td>
</tr>
<tr>
<td>Colour work (Letterpress printing)</td>
<td>VTI T</td>
</tr>
<tr>
<td>Composition (Letterpress printing)</td>
<td>VTI J</td>
</tr>
<tr>
<td>Composition (Printing)</td>
<td>VTD E</td>
</tr>
<tr>
<td>Compression (Solids, Physics)</td>
<td>EGP F</td>
</tr>
<tr>
<td>Computers (Typesetting, Printing)</td>
<td>VTD J</td>
</tr>
<tr>
<td>Conductivity (Solids, Physics)</td>
<td>EGP X</td>
</tr>
<tr>
<td>Corrosion (Metallurgy)</td>
<td>CKH G</td>
</tr>
<tr>
<td>Creep (Metallurgy)</td>
<td>CKF T</td>
</tr>
<tr>
<td>Crystal and grain structure (Metallurgy)</td>
<td>CKC</td>
</tr>
<tr>
<td>Crystal growth (Solids, Physics)</td>
<td>EGP P</td>
</tr>
<tr>
<td>Crystal structure (Metallurgy)</td>
<td>CKC F</td>
</tr>
<tr>
<td>Crystallography (Metallurgy)</td>
<td>CKC F</td>
</tr>
<tr>
<td>Crystals (Solids, Physics)</td>
<td>EGQ M</td>
</tr>
<tr>
<td>Cumulative indexes (Serials, Printing)</td>
<td>VTP W</td>
</tr>
<tr>
<td>Cutting type (Printing)</td>
<td>VTI G</td>
</tr>
<tr>
<td>Cylinder (Flatbed, letterpress printing)</td>
<td>VTF F</td>
</tr>
<tr>
<td>Decoration (Typographic elements)</td>
<td>VTO L</td>
</tr>
<tr>
<td>Dedications (Books, Printing)</td>
<td>VTP R</td>
</tr>
<tr>
<td>Deformation (Metallurgy)</td>
<td>CKF R</td>
</tr>
<tr>
<td>Deformation (Solids, Physics)</td>
<td>EGP G</td>
</tr>
<tr>
<td>Density (Solids, Physics)</td>
<td>EGP F</td>
</tr>
</tbody>
</table>
Design and layout (Printing)  VTD
Design (Letterpress printing)  VTD D
Devices (Imprint, Printing)  VTO T
Diffusion (Solids, Physics)  BGP S
Dislocations (Crystal growth, Solids, Physics)  BGP P
Dislocations (Crystal structure, Metallurgy)  CKD G
Display work (Printing)  VTI M
Dust (Particle, Solids, Physics)  BGQ I
Dust jackets (Books, Printing)  VTP T

Elasticity (Solids, Physics)  BGP H
Electrical properties (Metallurgy)  CKP N
Electrical properties (Solids, Physics)  BGP X
Electron microscopy (Metallurgy)  CKP P
Electrotype (Letterpress printing)  VTI J T
Estimating (Printing)  VTO H

Fatigue (Metallurgy)  CKP V
Film (Solids, Physics)  BGQ F
Film setting (Printing)  VTD H
Finance (Printing)  VTP F
Flat bed (Letterpress printing)  VTI F
Folding (Letterpress printing)  VTI M
Folding (Printing)  VTP F
Founding (Type, Printing)  VTI H
Friction, Internal (Solids, Physics)  BGP K

Gases (Determination, Analysis, Chemical metallurgy)  CHK C
Grain and crystal structure (Metallurgy)  CKC
Grain structure (Metallurgy)  CKD

Half-tone illustrations (Printing)  VTO K
Hand composition (Letterpress printing)  VTI K
Hand presswork (Letterpress printing)  VTI J B
Hand presswork (Printing)  VTP B
High pressure (Solids, Physics)  BGQ E
High temperature (Physical properties, Metallurgy)  CKP J
High velocity deformation (Metallurgy)  CKP W

Illustrations (Typographical elements, Printing)  VTO
Imperfections (Crystal growth, Solids, Physics)  BGP P
Impression (Printing)  VTG M
Imprints (Printing)  VTO Q
Indexes, Cumulative (Serials, Printing)  VTP X
Inking (Letterpress printing)  VTI S
Inking (Presswork, Printing)  VTE F
Inks (Printing)
Insulators (Solids, Physics)
Intaglio printing
Internal friction (Solids, Physics)
Intertype (Printing)
Jobbing work (Printing)
Layout (Letterpress printing)
Layout (Printing)
Letterpress printing
Letters (Typographical elements, Printing)
Lighting (Printing)
Linotype (Printing)
Liquid metal embrittlement (Metallurgy)
Lithography
Low temperature (Properties, Metallurgy)
Low temperature (Solids, Physics)

Machine composition (Letterpress printing)
Machine presswork (Letterpress printing)
Machine presswork (Printing)
Machinery (Printing)
Magnetic properties (Metallurgy)
Magnetic properties (Solids, Physics)
Magnified photomechanically produced printing surfaces
Make-ready (Letterpress printing)
Management (Printing)
Maps (Printing)
Marks (Imprints, Printing)
Materials (Structure and properties, Physics)
Mathematical symbols (Typographical elements, Printing)
Mechanical properties (Metallurgy)
Mechanical properties (Solids, Physics)
Metallography
Metals (Solids, Physics)
Microscopy (Metallography)
Monotype (Printing)
Multi-colour inking (Presswork, Printing)
Music (Notation, Typographic elements)

Newspapers (Printing)
Non-crystalline solids (Physics)
Non-homogeneous solids (Physics)
Non-metals (Solids, Physics)
Notations (Typographical elements, Printing)  VTN T
Numerals (Typographical elements, Printing)  VTN
Offset Lithography  VTM GS
Offset printing  VTM GS
Optical properties (Metallurgy)  CKF O
Optical properties (Solids, Physics)  EGP V
Particles, Small (Solids, Physics)  RGQ I
Phase equilibria (Metallurgy)  CKF H
Phase transformation (Metallurgy)  CKF G
Photoconductivity (Solids, Physics)  EGP X
Photoengraving (Printing)  VTK
Photogravure (Printing)  VTL M
Photolithography  VTM HP
Photomechanical production, Printing surfaces  VTH P
Physical and chemical metallurgy  CKB
Physical metallurgy  CKB F
Physical properties (Metallurgy)  CKE
Pictures (Printing)  VTQ P
Pictures (Typographic elements, Printing)  VTQ P
Planographic printing  VTL Z
Plant (Printing)  VTC V
Plastic deformation (Metallurgy)  CKF S
Plasticity (Solids, Physics)  EGP J
Platemaking (Letterpress printing)  VTJ P
Platemaking (Photoengraving)  VTK P
Platen (Flatbed, Letterpress printing)  VTJ G
Plates (Impression, Printing)  VTG P
Polarisation microscopy (Metallography)  CKB L
Posters (Printing)  VTQ R
Powder (Solids, Physics)  RGQ I
Powderless etching (Photoengraving)  VTK Q
Preliminaries (Books, Printing)  VTP Q
Presswork (Letterpress printing)  VLE Q
Presswork (Printing)  VT
Printers' devices (Imprints)  VTO TS
Printers' imprints  VTO S
Proof correcting (Letterpress printing)  VTI P
Proof correcting (Printing)  VTD P
Publishers' imprints (Printing)  VTO R
Reduced photomechanically produced printing surfaces  VTH P
Refractories (Physical properties, Metallurgy)  CKF J
Relaxation (Solids, Physics)  EGP I
Relief surfaces (Printing)
Replicas (Printing surfaces)
Rollers (Presswork, Printing)
Rotary presswork (Letterpress printing)

Safety (Printing)
Selling (Printing)
Semi-conductors (Solids, Physics)
Semi metals (Solids, Physics)
Serials (Printing)
Silkscreen printing
Small particles (Solids, Physics)
Solid solutions (Grain structure, Metallurgy)
Solid state physics
Solids (Physics)
Specimens (Microscopy, Metallurgy)
Stamps (Printing)
Stapling (Letterpress printing)
Stapling (Printing)
Stencils (Printing)
Stereotypes (Letterpress printing)
Stress (Metallurgy)
Surface (Chemical properties, Solids, Physics)
Surface (Solids, Physics)
Surfaces, (Impression, Printing)
Surfaces, Physical metallurgy
Surfaces, Printing (Non-paper)

Texts (Books, Printing)
Thermal properties (Metallurgy)
Thermal properties (Solids, Physics)
Thermodynamics (Properties, Metallurgy)
Tone values (Halftone printing)
Trade cards (Printing)
Trade catalogues (Printing)
Transfers (Printing surfaces)
Transformation, Phase (Metallurgy)
Type design (Printing)
Types (Impression, Printing)
Typesetting (Letterpress printing)
Typographical elements (letters, etc.)
Typography (Design and layout)
Typography (Letterpress printing)

Ultra-violet microscopy (Metallurgy)

X-ray techniques (Metallography)