This guide lists a selection of the more important sources of information on Physics available at Concordia Libraries. It includes material held in the Webster Library (WEB) on the Sir George Williams Downtown Campus, in the Vanier Library (VAN) on the Loyola Campus and/or available online. Most materials are located in the Reference area (REF). This is not a complete list. Additional resources may be found by searching CLUES, the library catalogue.

For more information, consult the Research Guides by Subject available on the Libraries’ Web site at http://library.concordia.ca/research/subjects/ or contact the reference librarian.

Guides to the Literature

Guide to Information Sources in the Physical Sciences  
Information Sources in Physics  
Information Sources in Science and Technology

Dictionaries and Encyclopedias

Dent Dictionary of Measurement  
Dictionary of Physics  
Dictionary of Physics (through Oxford Reference Online Premium)  
Dictionary of Pure and Applied Physics  
Dictionary of Spectroscopy  
Dictionnaire de physique  
Encyclopaedic Dictionary of Physics – 9 vol.  
Encyclopedia of Applied Physics  
Encyclopedia of Climate and Weather – 2 vol.  
Encyclopedia of Modern Physics  
Encyclopedia of Physics  
Encyclopedia of Spectroscopy & Spectrometry  
Facts on File Dictionary of Physics  
Illustrated Dictionary of Nonlinear Dynamics and Chaos  
McGraw Hill Dictionary of Physics and Mathematics  
Physics in Medicine & Biology Encyclopedia – 2 vol.  
Solid State Physics Source Book  
Twentieth Century Physics – 3 vol.  
Video Encyclopedia of Physics Demonstrations – 25 videodiscs  
World of Physics – 2 vol.
Handbooks

AIP Physics Desk Reference
American Institute of Physics Handbook
CRC Handbook of Chemistry and Physics (latest at VAN Reference Desk)
Electrical Resistivity Handbook
Formulas, Facts and Constants
Fundamental Measures and Constants for Science and Technology
Handbook of Acoustics
Handbook of Applied Superconductivity – 2 vol.
Handbook of Atomic, Molecular, and Optical Physics
Handbook of Condensed Matter and Materials Data
Handbook of Electron Spin Resonance – 2 vol.
Handbook of Geophysics and Space Environments
Handbook of Heat Transfer
Handbook of Lasers
Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables
Handbook of Optics – 4 vol.
Handbook of Physical Quantities
Handbook of Physics
Handbook of Superconductivity
Handbook of Tables of Functions for Applied Optics
Handbook of Thermodynamic Tables
Handbook of Thermo-Optic Coefficients of Optical Materials with Applications
Handbuch der physik (Encyclopedia of Physics) – 54 vol.
International Critical Tables – 8 vol.
Landolt Bornstein Numerical Data (Series)
Measurement, Instrumentation and Sensors Handbook
Physics Handbook: Fundamentals and Key Equations
Properties of Optical and Laser-Related Materials
Reference Data on Atoms, Molecules, and Ions
Semiconductors-Basic Data
Sensors Handbook
Smithsonian Physical Tables
Superconductivity Sourcebook
Tables of Physical and Chemical Constants and Some Mathematical Functions
Vapour Pressures of Pure Substances

Astronomy

Astronomy and Astrophysics Encyclopedia

Sources in Physics
Concordia University Libraries
Databases

These are the major databases that index the literature of physics and related areas. For further description of the content of each title visit Concordia Libraries Database Finder at http://library.concordia.ca/research/databases/.

INSPEC
- Connect with remote access from Concordia Libraries Database Finder.

SciFinder
- Chemical Abstracts from 1907.
- Includes information on substances and reactions.
- Connect with remote access using Concordia’s VPN.
- Individual Registration Required.

Web of Science
- Includes Science Citation Index from 1989 onwards.
- Connect with remote access from Concordia Libraries Database Finder.
- Science Citation Index from 1985 to 1988 is available on CD-ROM at Vanier workstation V-140, and from 1965-1992 in print (Z 7401 S365 VAN Index).

Proquest Dissertations and Theses – Full Text
- Citations from 1861 onwards (90% from North America).
- Full text mainly from 1997 onwards.
- Connect with remote access from Concordia Libraries Database Finder.

If you need assistance, please ask at the Reference Desk

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