MAIN ENTRIES

The subject matter in the *Encyclopedia of Applied Physics* is presented in approximately 500 individual articles, arranged alphabetically. The topics can be classified into 20 sections, similar to the AIP Physics and Astronomy Classification Scheme (PACS):

01 General Aspects: Mathematical, Computational, and Information Techniques
02 Measurement Science, General Devices and/or Methods
03 Nuclear and Elementary Particle Physics
04 Atomic and Molecular Physics
05 Electricity and Magnetism
06 Optics (classical and quantum)
07 Acoustics
08 Thermodynamics and Properties of Gases
09 Fluids and Plasma Physics
10 Condensed Matter A: Structure and Mechanical Properties
11 Condensed Matter B: Thermal, Acoustic, and Quantum Properties
12 Condensed Matter C: Electronic Properties
13 Condensed Matter D: Magnetic Properties
14 Condensed Matter E: Dielectrical and Optical Properties
15 Condensed Matter F: Surfaces and Interfaces
16 Materials Science
17 Physical Chemistry
18 Energy Research and Environmental Physics
19 Biophysics and Medical Physics
20 Geophysics, Meteorology, Space Physics, and Aeronautics

Each article has been assigned a code number consisting of two digits which denotes the section, and a letter which gives the type of article. There are six types: A = Devices, Equipment; B = Materials; C = Methods, Processes; D = Phenomena, Effects; E = Scientific or Technological Fields; F = Institutions, Companies, Societies and other organizations.