

MAIN ENTRIES

05-E	Power Electronics	1	16-B	Quartz	365
05-A	Power Transmission	25	10-D	Quasicrystals	377
01-C	Probability Theory	51	05-A	Radar Technology	399
10-B	Properties and Applications of Amorphous Materials	71	16-D	Radiation Damage in Crystals	429
19-A	Prostheses and Artificial Limbs	115	02-A	Radiation Detectors, Infrared	459
19-B	Prosthetic Materials	141	02-A	Radiation Detectors, Particle, Gamma, and X-Ray	473
19-D	Protein Dynamics	163	04-D	Radiation Interaction with Molecules	509
19-B	Proteins and Enzymes	185	20-A	Radio Telescopes	527
03-E	Quantum Electrodynamics	215	03-D	Radioactivity	547
01-C	Quantum Logic	229	17-E	Radiochemistry	565
02-C	Quantum Measurements	257	14-D	Raman Scattering	587
03-E	Quantum Mechanics	275		Contents of Previous Volumes	613
06-E	Quantum Optics	307			
06-A	Quantum Optoelectronic Devices	339			

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