

SIGNAL ANALYSIS

SIGNAL INTEGRITY
LINEAR AND NON-LINEAR DISTORTION
PHASE DISTORTION
TIME-FREQUENCY ANALYSIS
COHERENCE ANALYSIS
DIGITAL SIGNAL PROCESSING

AUDIO ENGINEERING

DIGITAL AUDIO
COMPRESSION ALGORITHMS
AUDITORY PERCEPTION
PHASE EQUALIZATION
DIGITAL FILTER DESIGN
MAGNETIC RECORDING

ACOUSTICS

TRANSDUCERS
ACOUSTIC WAVES
REVERBERATION
LOCALIZATION
SPATIALIZATION
MASKING

ELECTROMAGNETIC THEORY

NUMERICAL ELECTROMAGNETICS
PULSE PROPAGATION
VLSI INTERCONNECTS
WAVES IN PLASMA MEDIA
DISSIPATIVE MEDIA
VERTICAL MAGNETIC RECORDING

