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- **Materials** and their **Processing**, such as: piezoelectric materials, polymers, metal oxides, III-V and II-VI semiconductors, thick and thin films, optical glass fibres, amorphous, polycrystalline and monocrystalline silicon.

- **Optoelectronic sensors**, such as: photovoltaic diodes, photoconductors, photodiodes, phototransistors, positron-sensitive photodetectors, optoisolators, photodiode arrays, charge-coupled devices, light-emitting diodes, injection lasers and liquid-crystal displays.

- **Mechanical sensors**, such as: metallic, thin-film and semiconductor strain gauges, diffused silicon pressure sensors, silicon accelerometers, solid-state displacement transducers, piezo junction devices, piezoelectric field-effect transducers (PiFETs), tunnel-diode strain sensors, surface acoustic wave devices, silicon micromechanical switches, solid-state flow meters and electronic flow controllers.

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- **Magnetic sensors**, such as: magnetoresistors, Corbino disks, magnetodiodes, Hall-effect devices, integrated Hall devices, silicon depletion-layer magnetometers, magneto-injection transistors, magnistors, lateral magnetotransistors, carrier-domain magnetometers, MOS magnetic-field sensors, solid-state read and write heads.
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- antireflection
- artifact
- band bending
- bandgap
- bandwidth
- co-evaporate
- cross section
- cross-sectional
crosstalk
feedback (adj.)
flat-band (adj.)
Gaussian
Kirchhoff
lifetime
linewidth
microelectronics
micromechanics midpoint
multilayer
multi-target
non-crystalline
n-type (adj.)
open-circuit (adj.)
photoemission
photogenerate
photoresist
p-type (adj.)
printout
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reverse-bias (adj.)
rod-like (adj.)
semicontinuous
short-circuit (adj.)
single-crystal (adj.)

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