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Sommario/riassunto

The only comprehensive treatment of nanophotonics currently availablePhotonics is an all-encompassing optical science and technology which has impacted a diverse range of fields, from information technology to health care. Nanophotonics is photonic science and technology that utilizes light-matter interactions on the nanoscale, where researchers are discovering new phenomena and developing technologies that go well beyond what is possible with conventional photonics and electronics. These new technologies could include efficient solar power generation, high-bandwidth and high-speed communi