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integrated circuits and highlights how new integrated circuit device design and industry requirements web jul 12 2023 the journal of micro nanopatterning materials and metrology jm3 publishes peer reviewed papers on the core enabling technologies that address the patterning needs of the electronics industry semiconductor logic and memory technology development continues to push the limits of process complexity and cost especially as web jan 1 2007 the development of new nanoscale electronic devices and materials places increasingly stringent requirements on metrology nature nanotechnology technology and metrology of new electronic web apr 18 2022 this chapter provides an excellent introduction to materials characterization and provides a few nicely chosen examples of the application of materials characterization following these examples the concept of wave particle duality is introduced and a discussion of electromagnetic waves

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