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A tutorial coverage of electronic technology, starting from the basics of condensed matter and quantum physics. Experienced author Ed Wolf presents established and novel devices like Field Effect and Single Electron Transistors, and leads the reader up to applications in data storage, quantum computing, and energy harvesting.

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Quantum Transport in Nanoscale Devices

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If I were asked for an area of science and engineering that will most likely produce the breakthroughs of tomorrow, I would point to

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Introduction to the Physics of Nanoelectronics | ScienceDirect

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