



Physics of Semiconductor Devices

By Simon M. Sze, Kwok K. Ng

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Editorial Review

From the Back Cover

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About the Author

S. M. Sze received his PhD in electrical engineering from Stanford University. He was with Bell Telephone Laboratories from 1963–1989, joining the faculty of the Department of Electronics Engineering, National Chiao Tung University (NCTU) in 1990. Dr. Sze is currently Distinguished Chair Professor of NCTU and has served as a visiting professor to many academic institutions. He has made fundamental and pioneering contributions to semiconductor devices; of particular importance is his coinvention of nonvolatile semiconductor memory such as flash memory and EEPROM. Dr. Sze has authored, coauthored, or edited over 200 technical papers and twelve books. His book *Physics of Semiconductor Devices* (Wiley) is one of the most cited works in contemporary engineering and applied science publications (over 15,000 citations from ISI Press). Dr. Sze is the recipient of numerous awards and holds such titles as Life Fellow of the IEEE, Academician of the Academia Sinica, and member of the US National Academy of Engineering.

Kwok K. Ng received his PhD from Columbia University in 1979 and BS from Rutgers University in 1975, both in electrical engineering. He joined Bell Laboratories of AT&T in Murray Hill, New Jersey, in 1980, which spun off as part of Lucent Technologies in 1996. He became affiliated with Agere Systems in Allentown, Pennsylvania, as the microelectronics unit became independent in 2001. He has been with MVC in San Jose, California, since 2005. Dr. Ng has also held positions as editor of *IEEE Electron Device Letters* and liaison to IEEE Press. He is the author of the *Complete Guide to Semiconductor Devices*, Second Edition (Wiley).

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