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Professor ... ?Electronic Devices and Circuits?, Oxford University Press ,5 th Edition,2008. Reference Books: 1. ...
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This feature may define the semiconductor property of the material, however it would be interesting to know how a

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they have found use in power devices, optical sensors, and light emitters, including solid-state lasers.

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PIN. Semiconductor P-N Junction Diode :
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professional engineers needing insight into physics of operation of modern FETs.

Pouya Valizadeh is Associate Professor in the Department of Electrical and Computer Engineering at Concordia University in Quebec, Canada. He received B.S. and M.S. degrees with honors from the University of Tehran and

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Ph.D. degree from The University of Michigan (Ann Arbor) all in Electrical Engineering in 1997, 1999, and 2005, respectively. Over the past decade, Dr. Valizadeh has taught numerous sections of five different courses covering topics such as semiconductor process technology, semiconductor materials and their

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CMOS: Front-End Electronics for

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