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mass of electrons kg  $m_h^*$  Effective mass  
of holes kg  $n$  Electron density  $m^{-3}$   $n_i$   
Intrinsic carrier density  $m^{-3}$   $n(E)$  Electron  
density per unit energy and per unit  
volume  $m^{-3}$   $n_0$  Electron density in  
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Sima Dimitrijevic is Professor at the Griffith School of Engineering and Deputy Director of Queensland Micro- and Nanotechnology Centre at Griffith University in Australia. He is the author of Understanding Semiconductor Devices (OUP, 2000) as well as numerous other publications in the areas of MOSFET technology, modeling, and applications.

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