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# Chapter 1

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 LEARN the  
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 ideal diode and how to  
 analyze and design  
 circuits containing  
 multiple ideal diodes  
 together with resistors  
 and dc sources to  
 realize useful and  
 interesting nonlinear  
 function the details of  
 the i-v characteristic of  
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electron that  
participates in the  
formation of chemical  
bonds. Atoms with one  
or two valence  
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Adel Sedra- Teaching Methods and Philosophy  
MOSFET Circuits in DC**

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ideal diode and how to  
analyze and design  
circuits containing  
multiple ideal diodes  
together with resistors  
and dc sources to  
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interesting nonlinear  
function the details of  
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