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increase, the bandgap energy would  
decrease and the material would begin to

behave less like a semiconductor and more  
like a metal., Physics for the year 2000 has  
been awarded to two semiconductor  
physicists, Zhores I. Alferov and Herbert  
Kroemer (â€œfor developing semiconductor  
heterostructures used in high-speed- and  
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device engineer, Jack S. Kilby (â€œfor his  
part in the invention of the integrated  
circuitâ€œ)., 14. Semiconductors Course  
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materials allows the production of electronic  
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