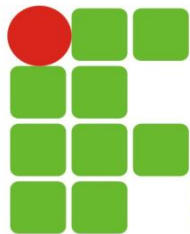


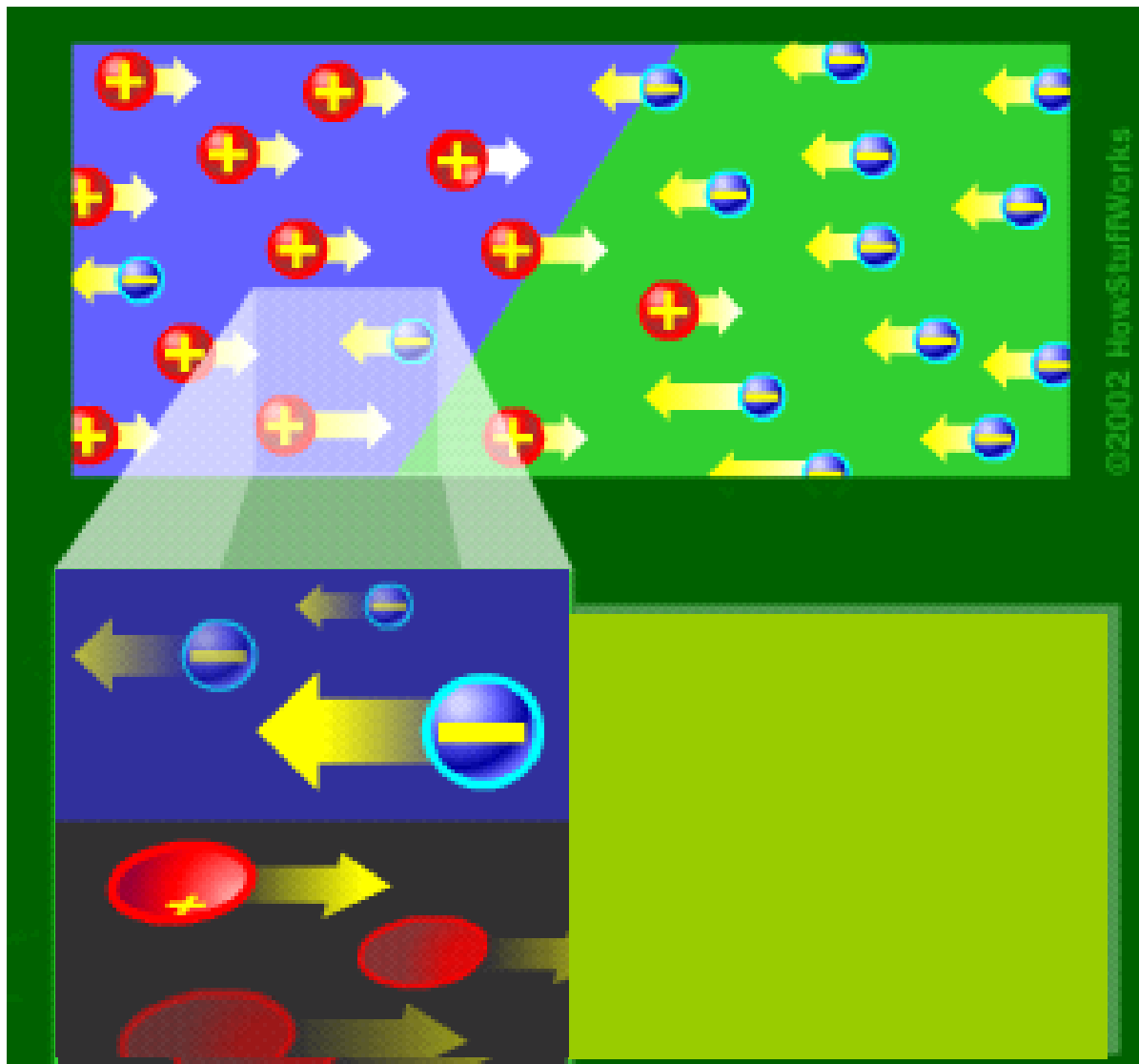
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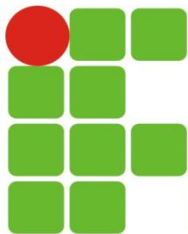
*Eletrônica*  
*2012.2*  
*Aula 04*  
*O diodo semicondutor*



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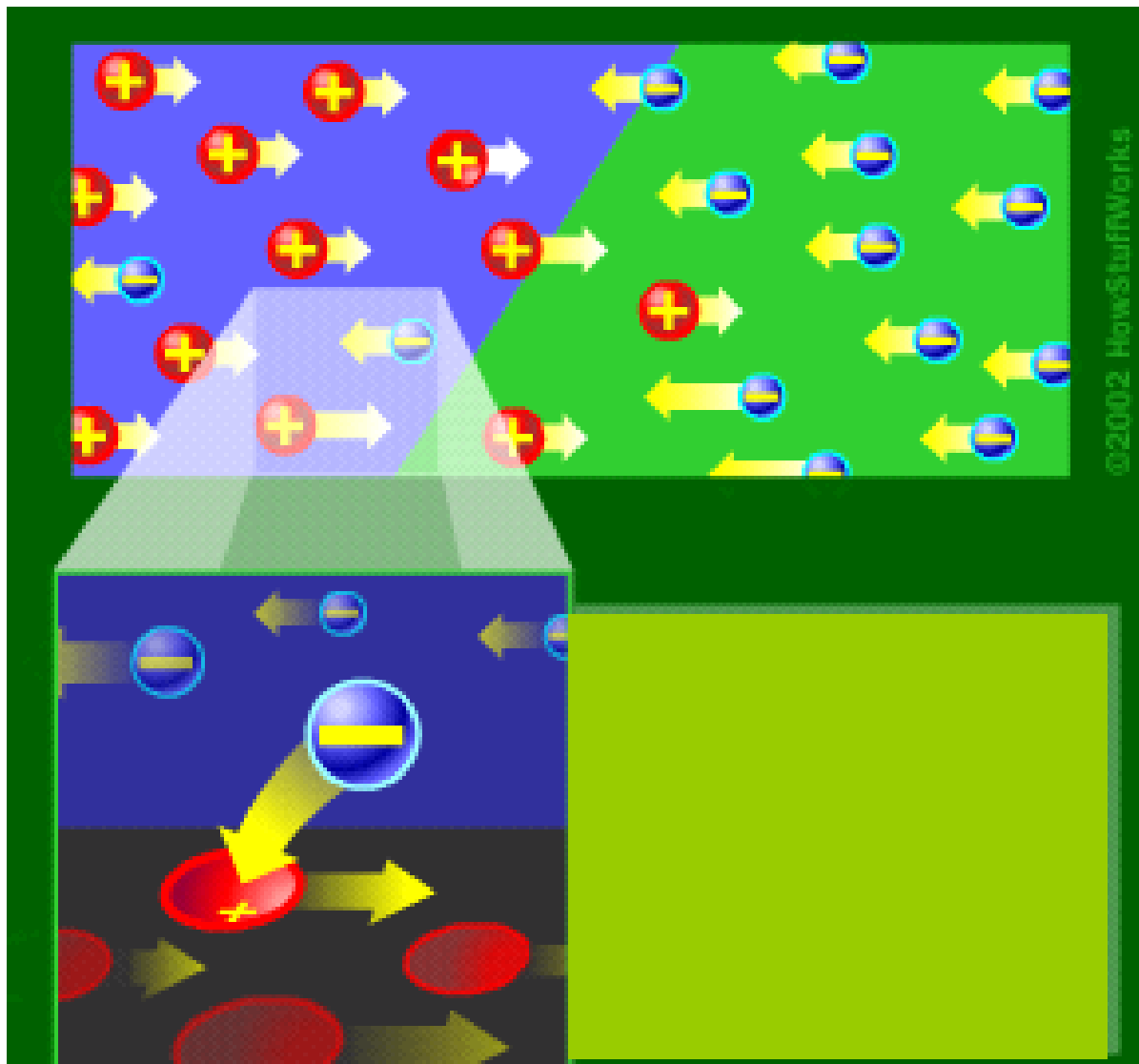
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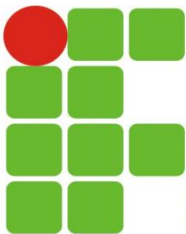




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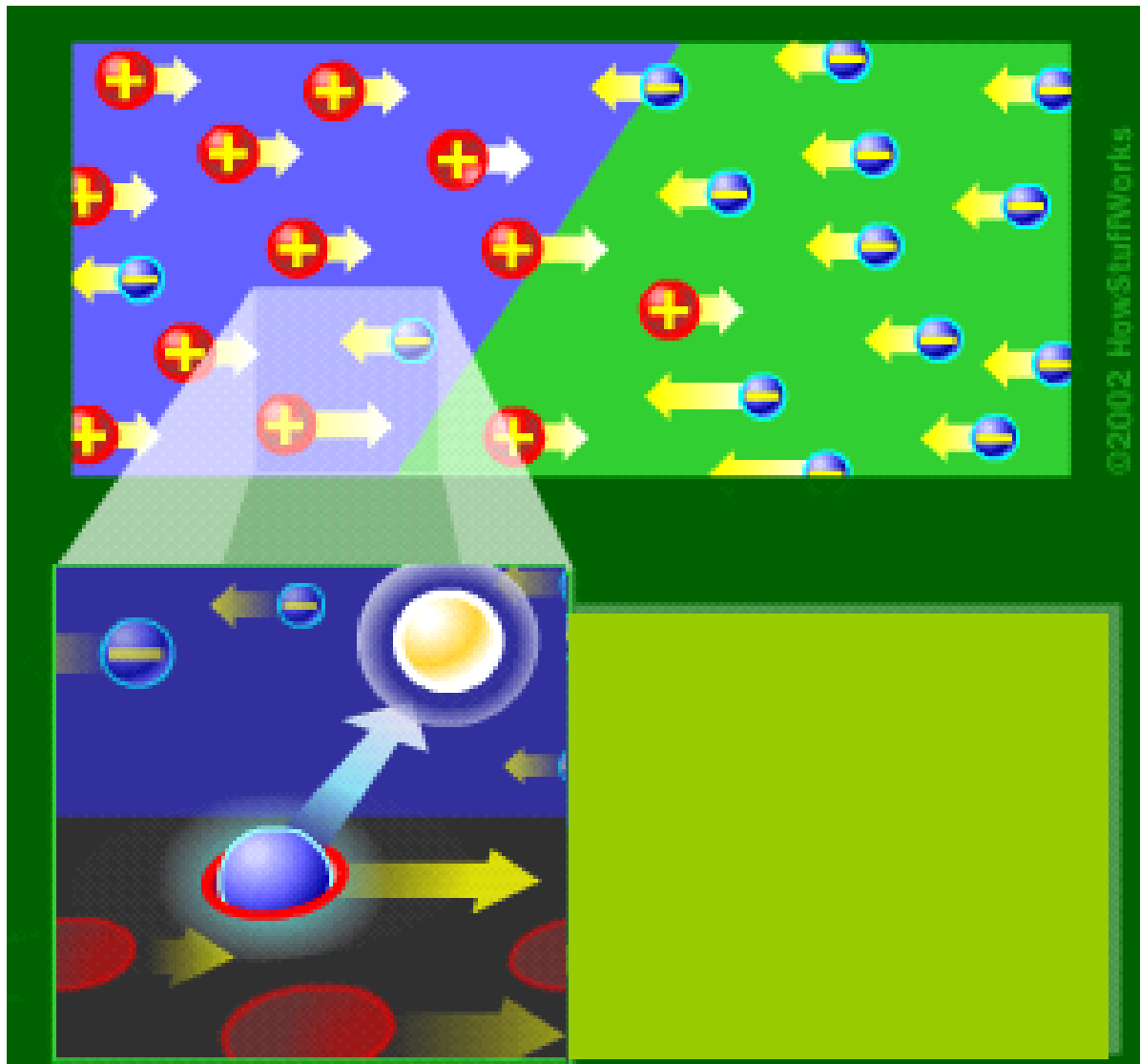
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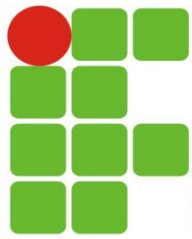




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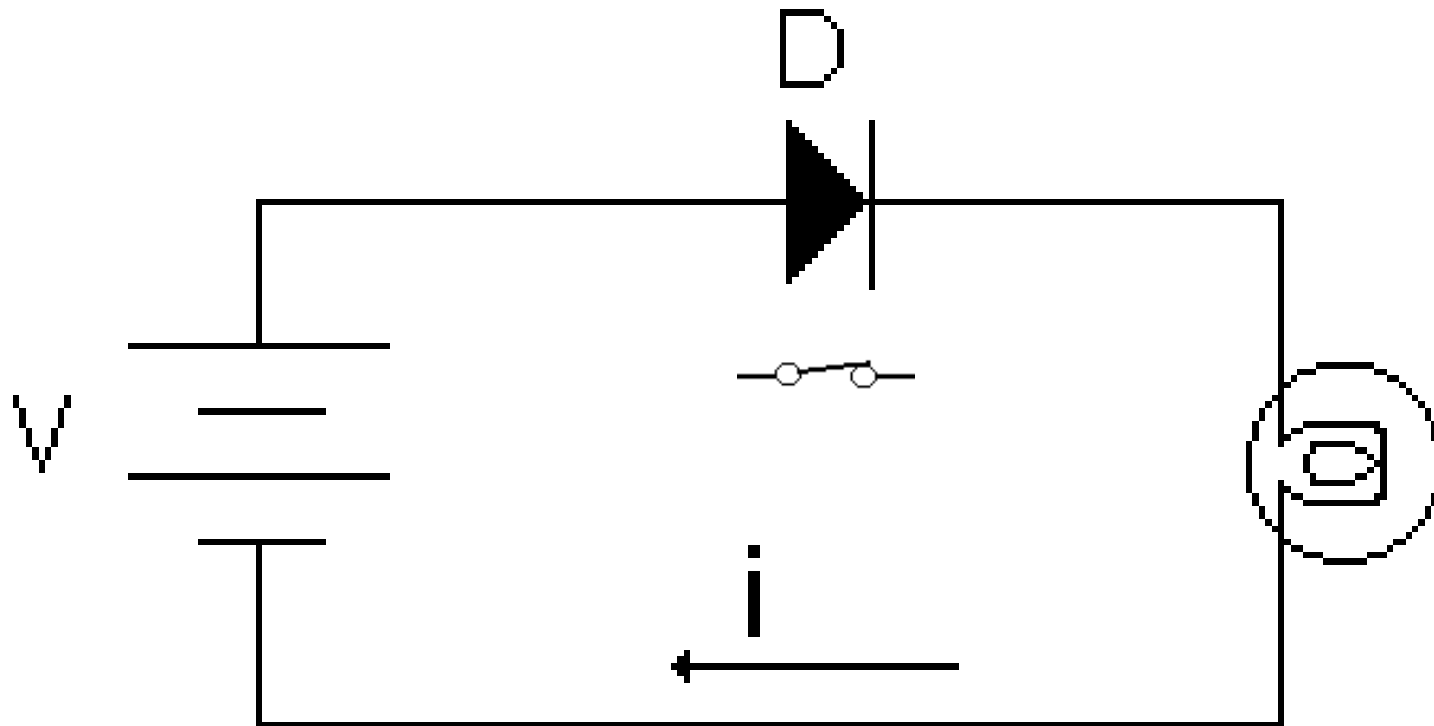
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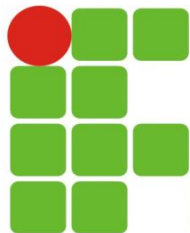




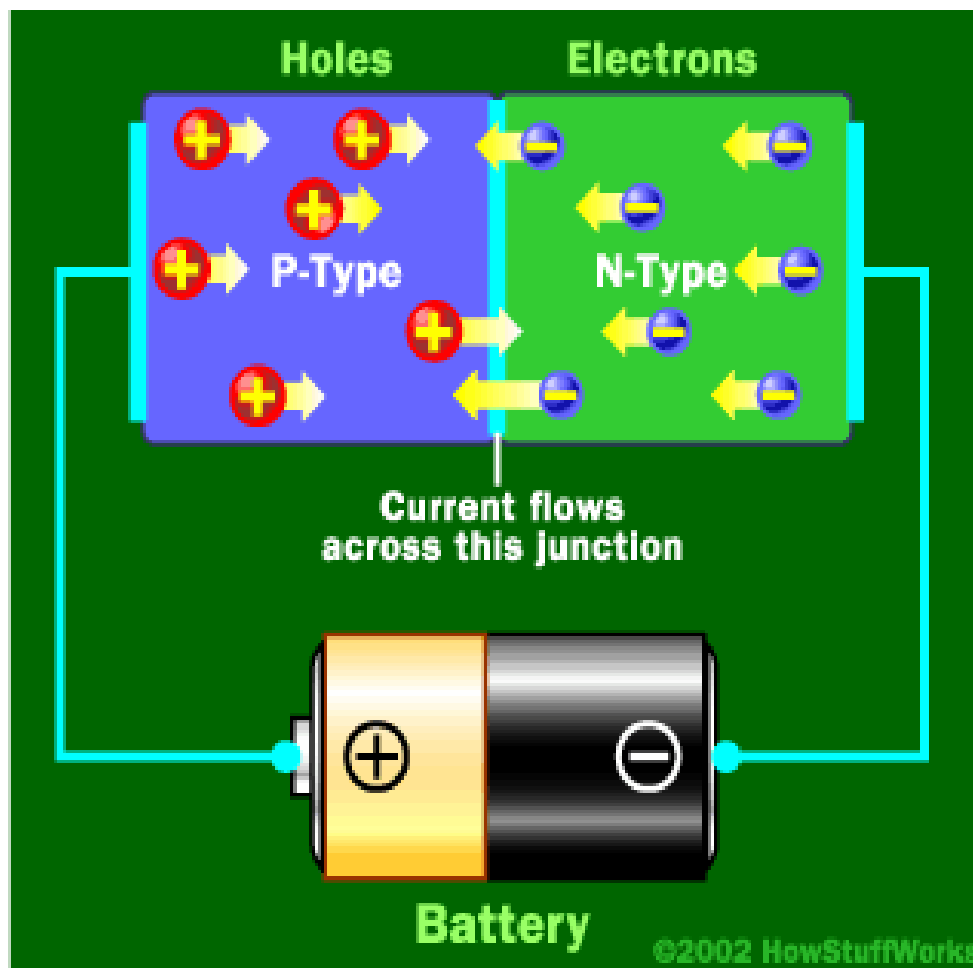
## Polarização Direta

O diodo polarizado **diretamente** entra em **condução**



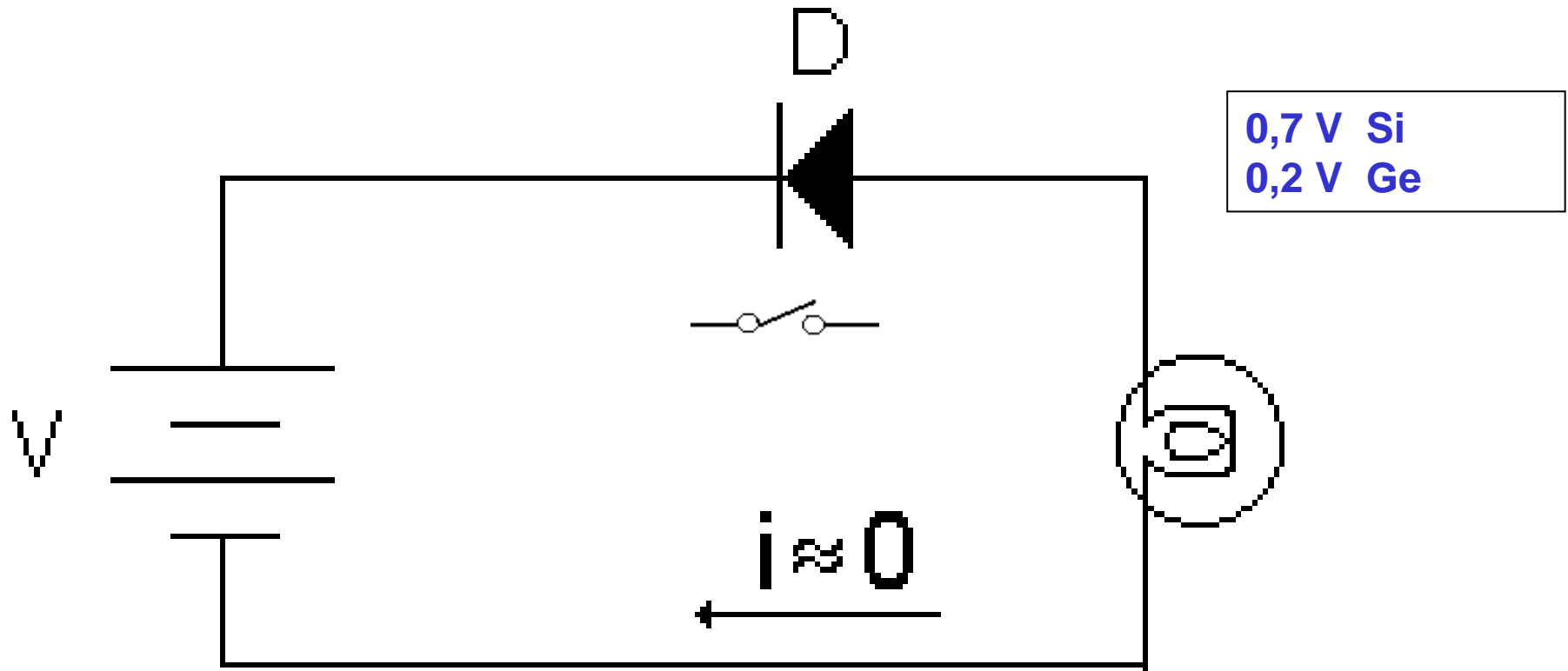


## Polarização Direta



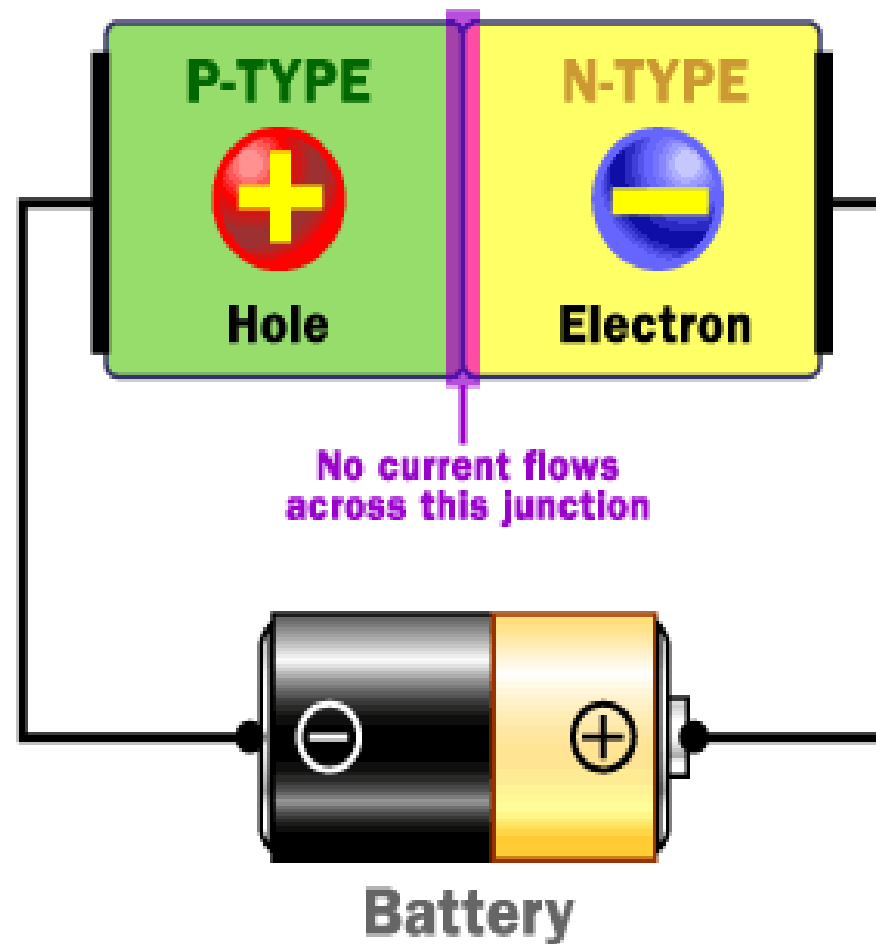
## Polarização Reversa ou Inversa

O Diodo polarizado **inversamente** entra em **bloqueio**

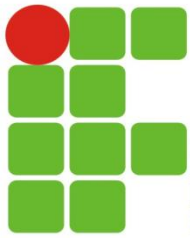


## Polarização Reversa ou Inversa

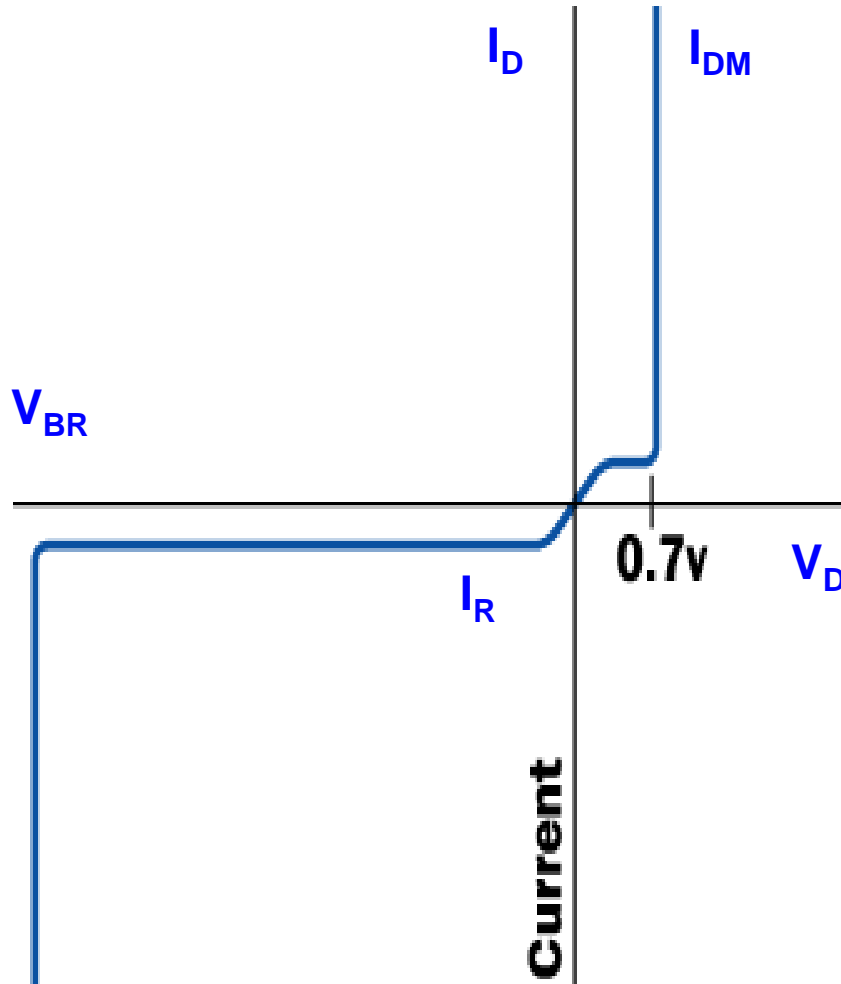
O Diodo polarizado **Inversamente** entra em **bloqueio**







## DIODO SEMICONDUTOR



*Curva Característica de um Diodo*

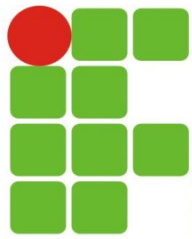
### Especificações de um Diodo:

Corrente Máxima Direta  $I_{DM}$

Corrente de Fuga  $I_R$

Tensão de Ruptura  $V_{Br}$

Potência Máxima  $P_{DM}$



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