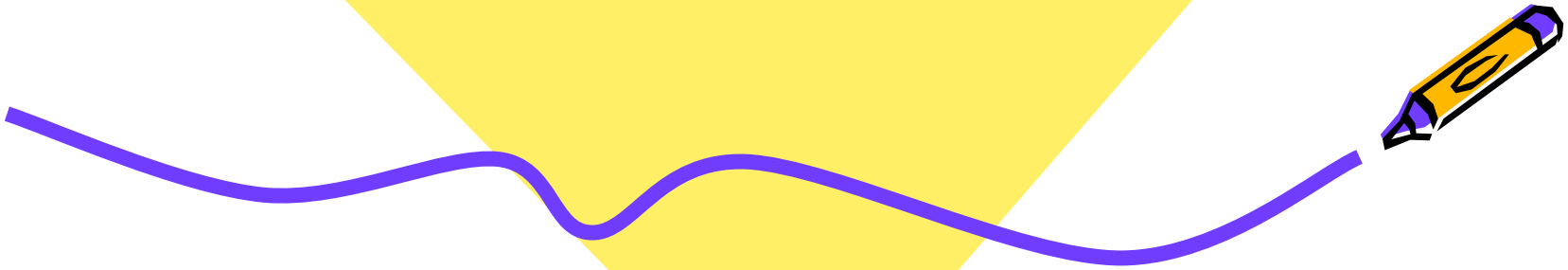
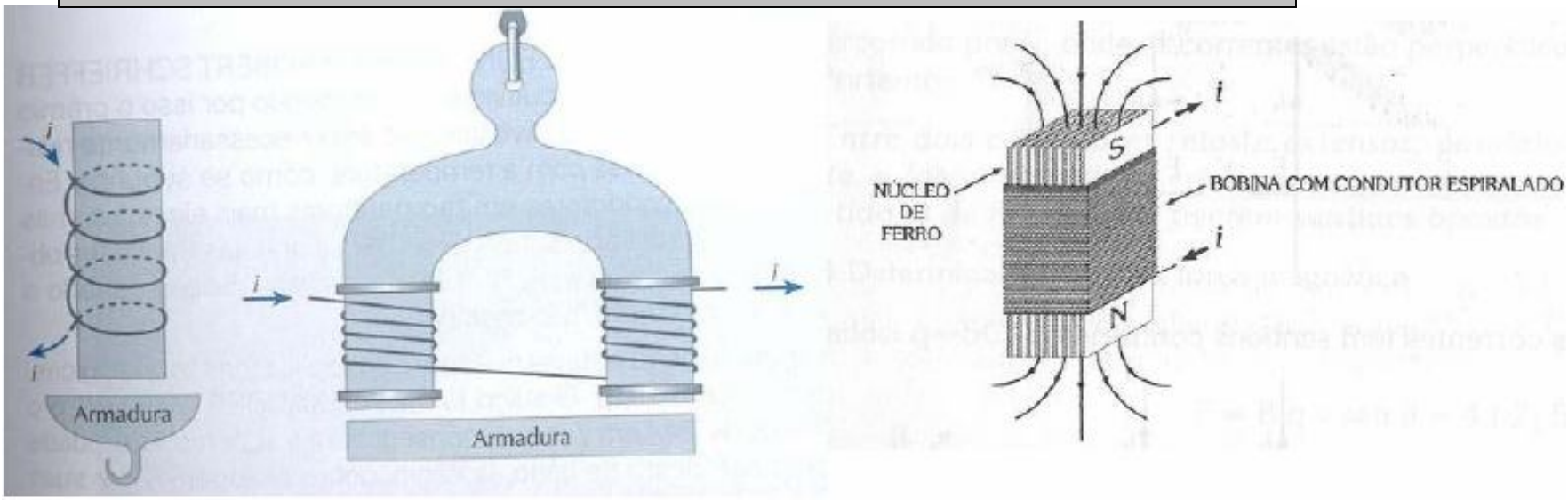
2 - ELETROMAGNETISMO

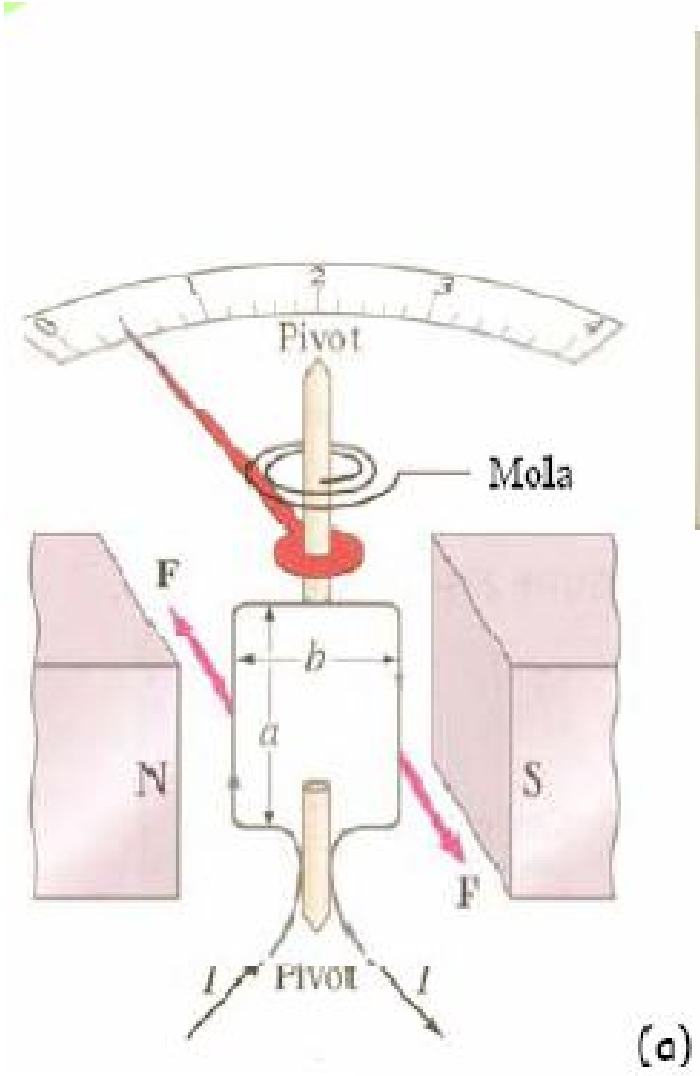
(a paritr da pg 24 da apostila Fundamentos do Eletromagnetismo, do professor Fernando Luiz Rosa Mussoi)

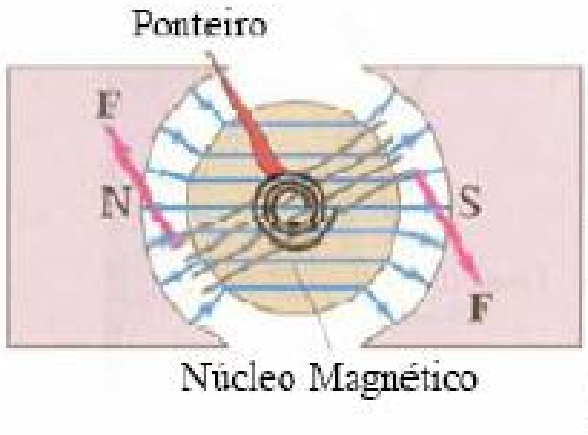


Aplicações do Eletromagnetismo

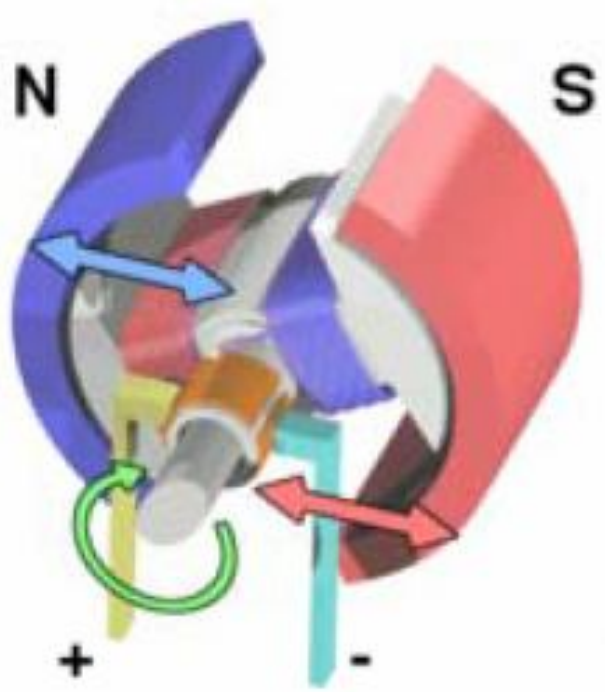


AMPERÍMETRO

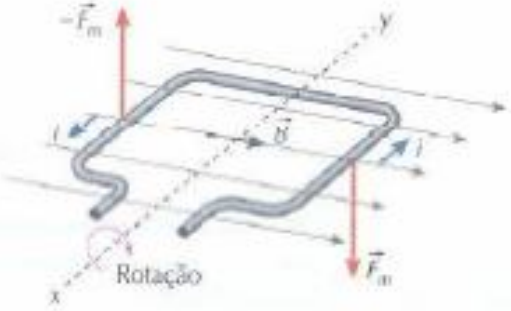




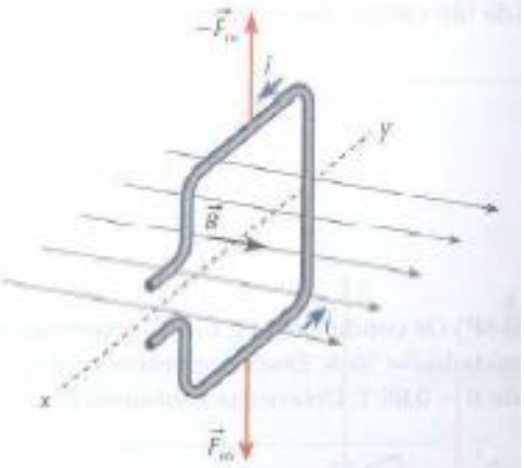
MOTOR DE CORRENTE CONTÍNUA



Construção de um motor CC

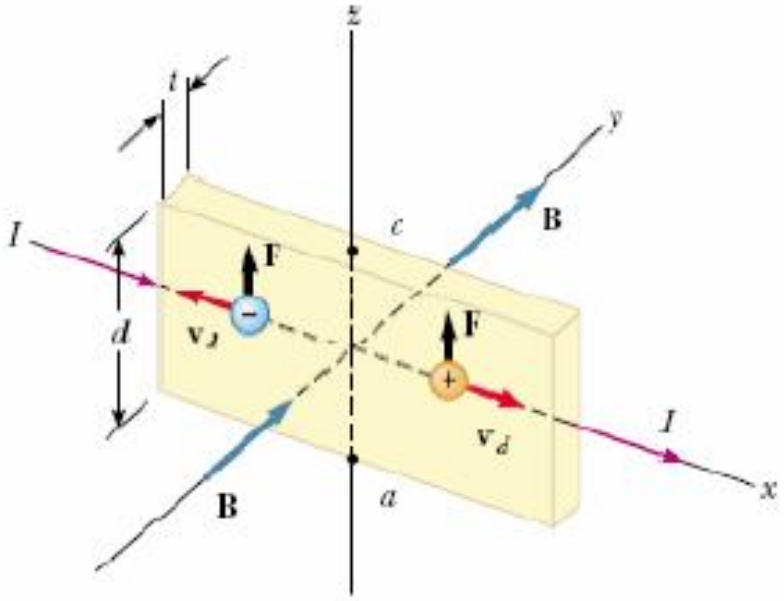


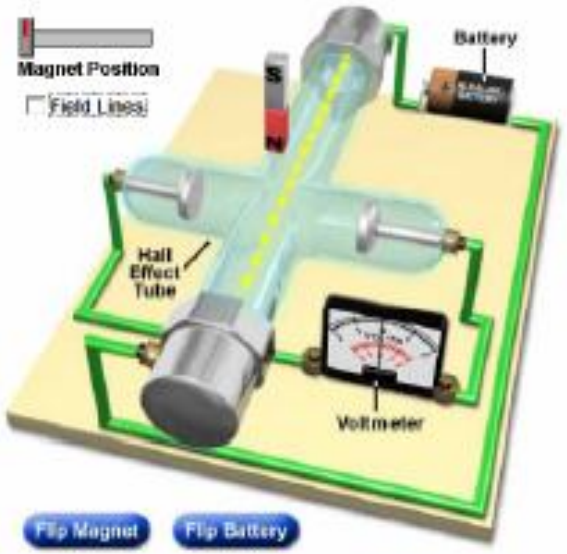
Momento de rotação máximo.



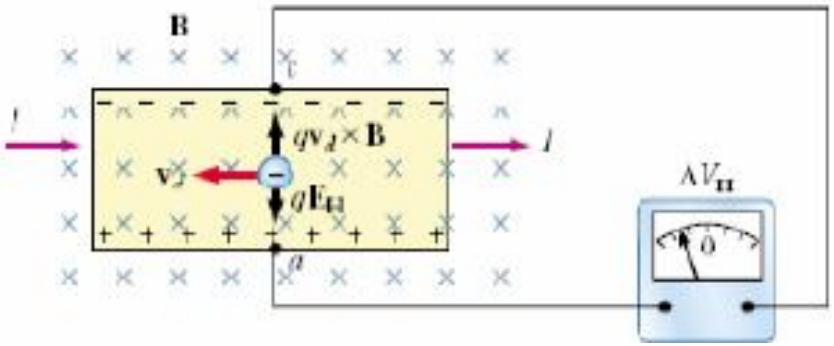
Momento de rotação nulo.

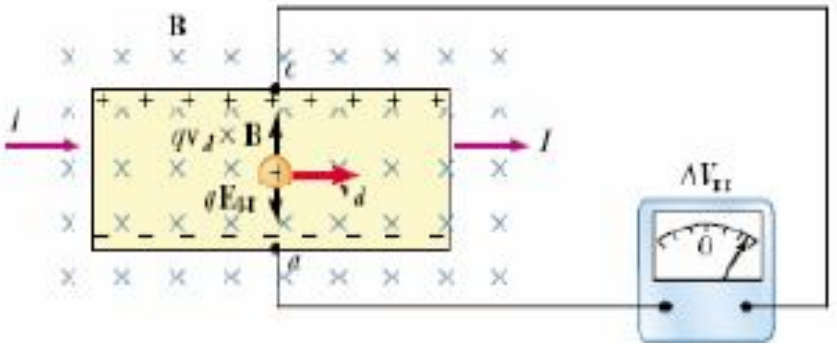
SENSOR DE EFEITO HALL





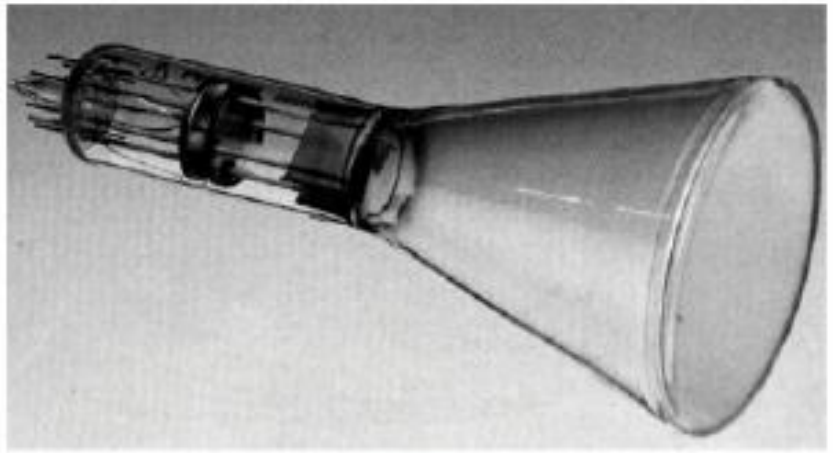
Semicondutor que gera uma tensão elétrica sob o efeito de um campo magnético.

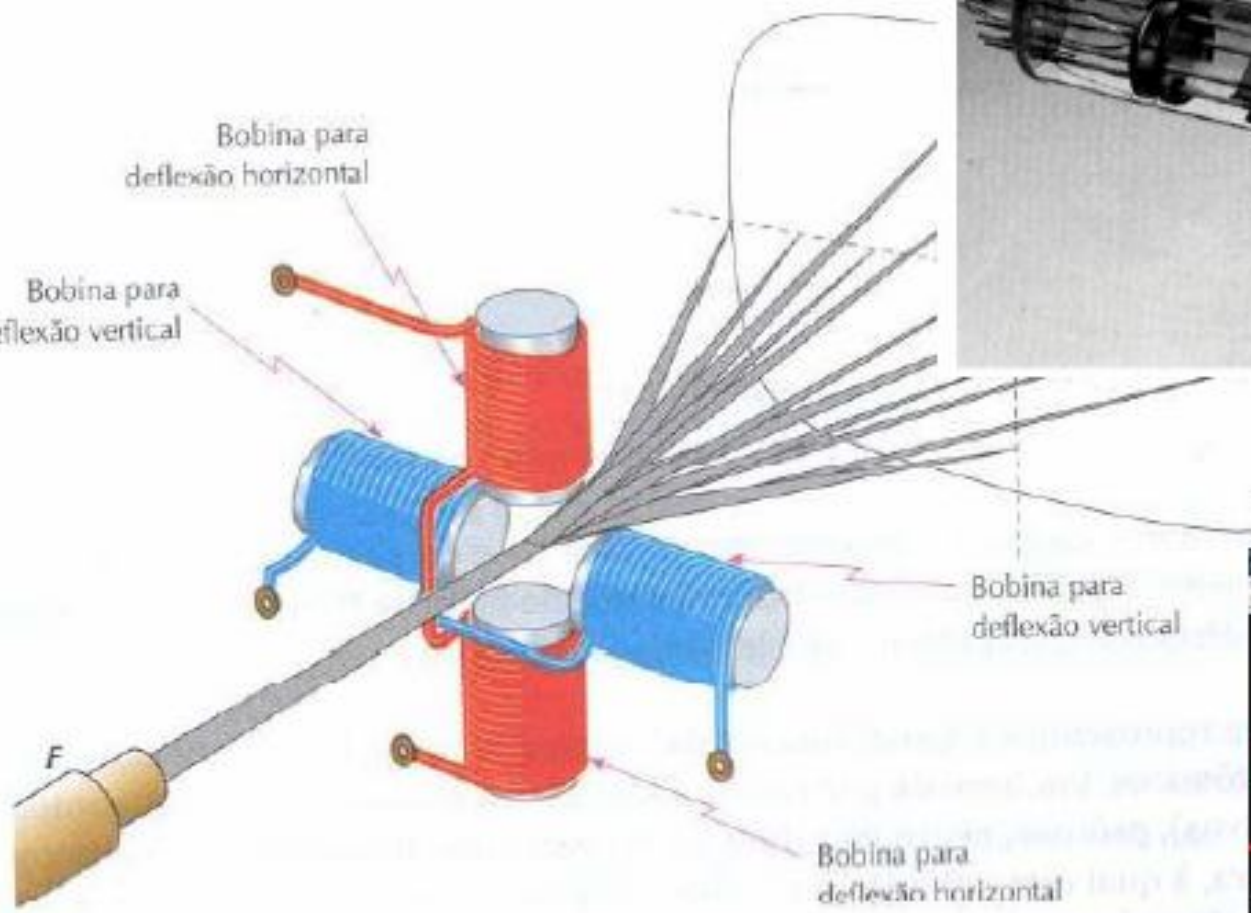




Medir a Fmag ou a I.

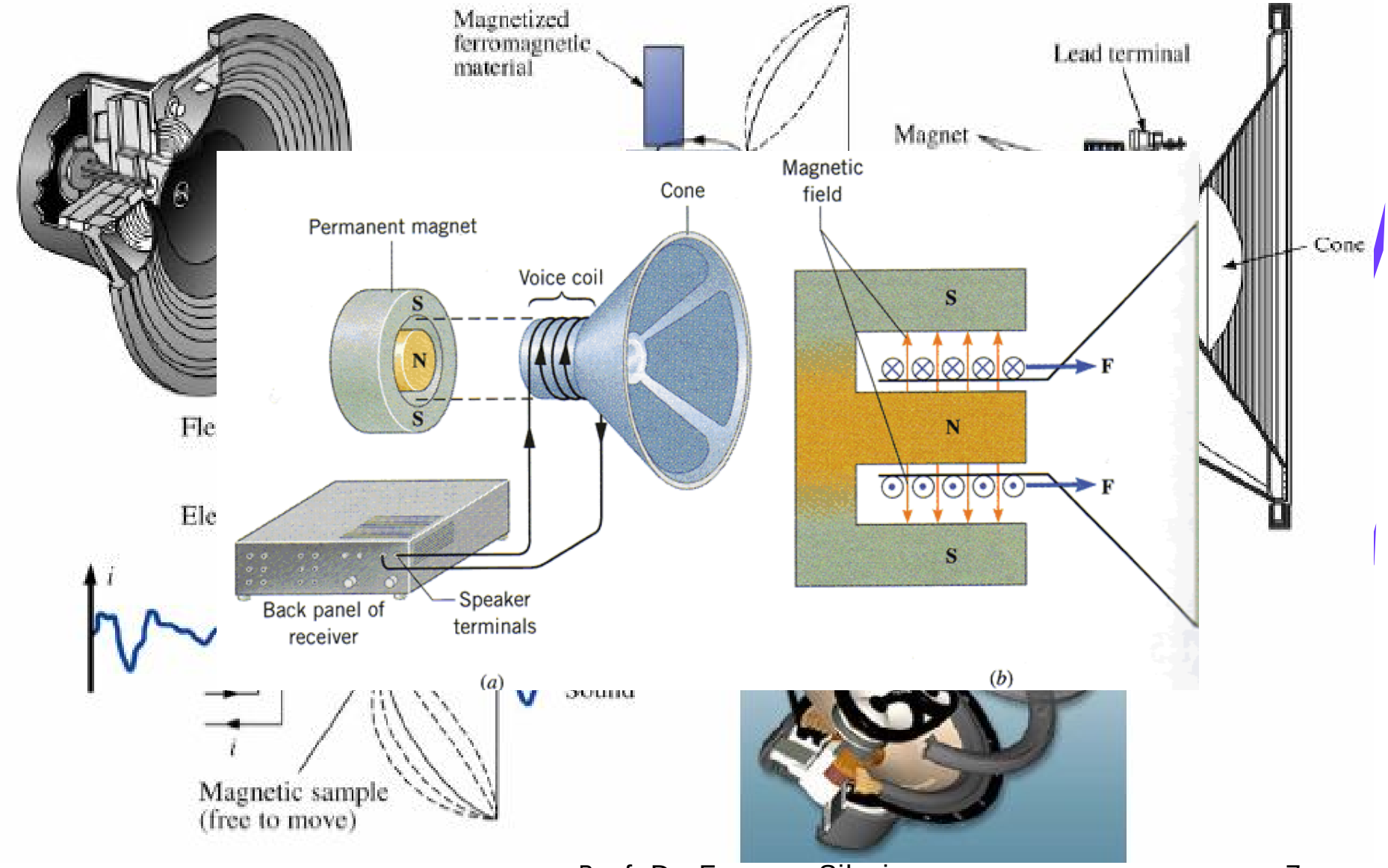
TUBO DE RAIOS CATÓDICOS





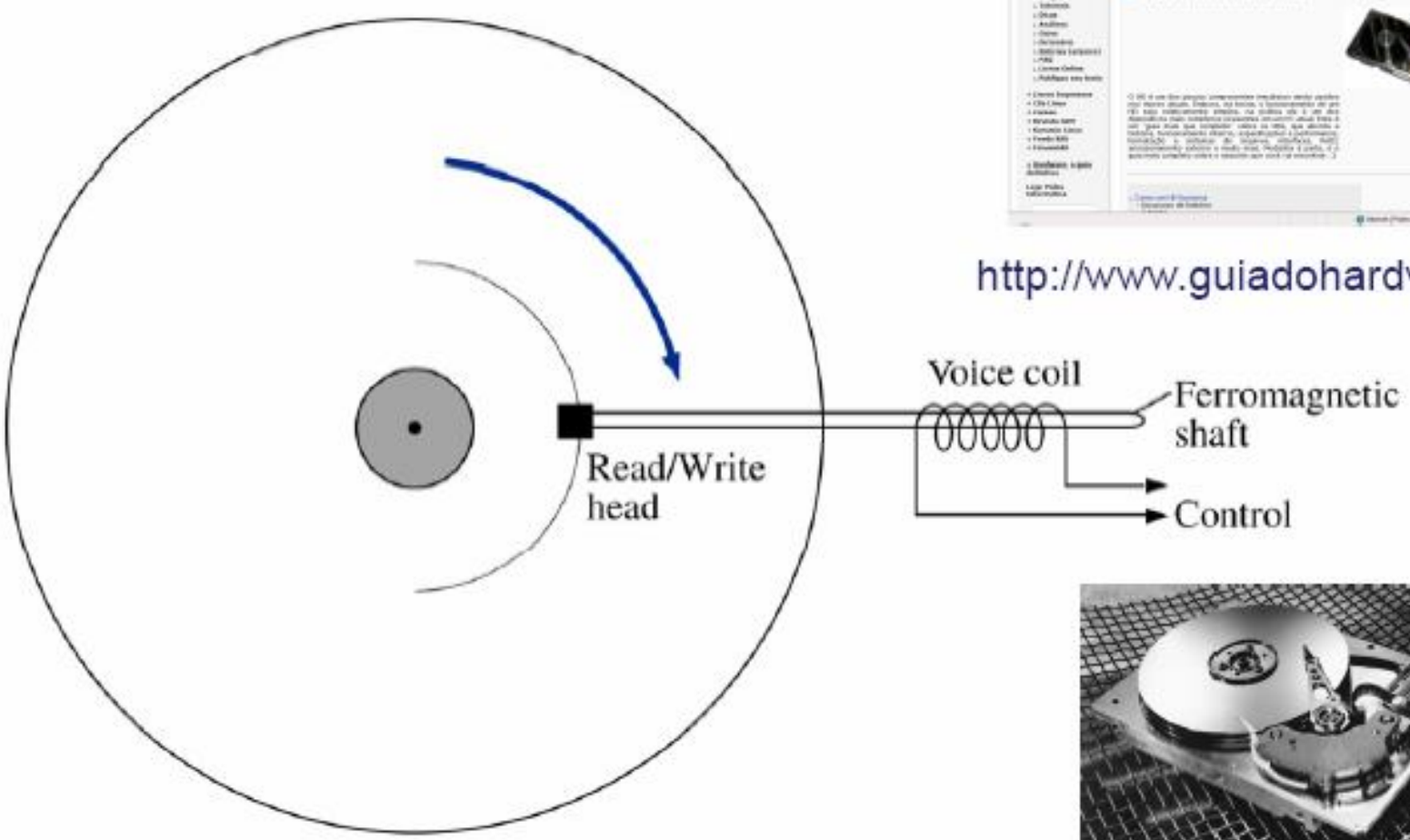
http://www.williamson-labs.com/scope1.htm

ALTO-FALANTE

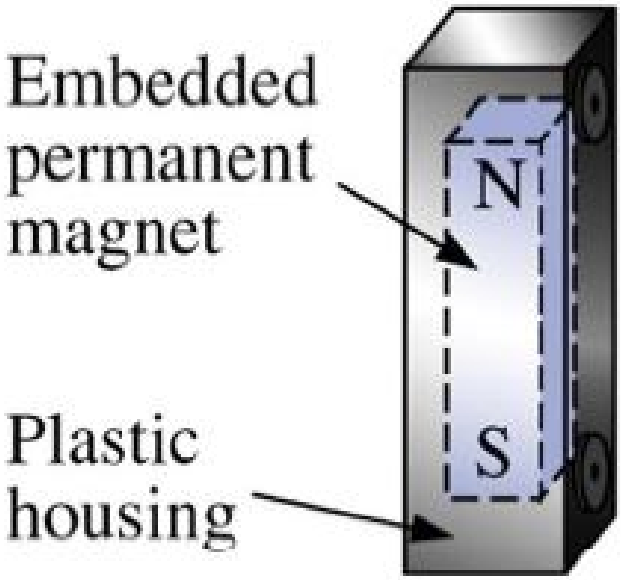


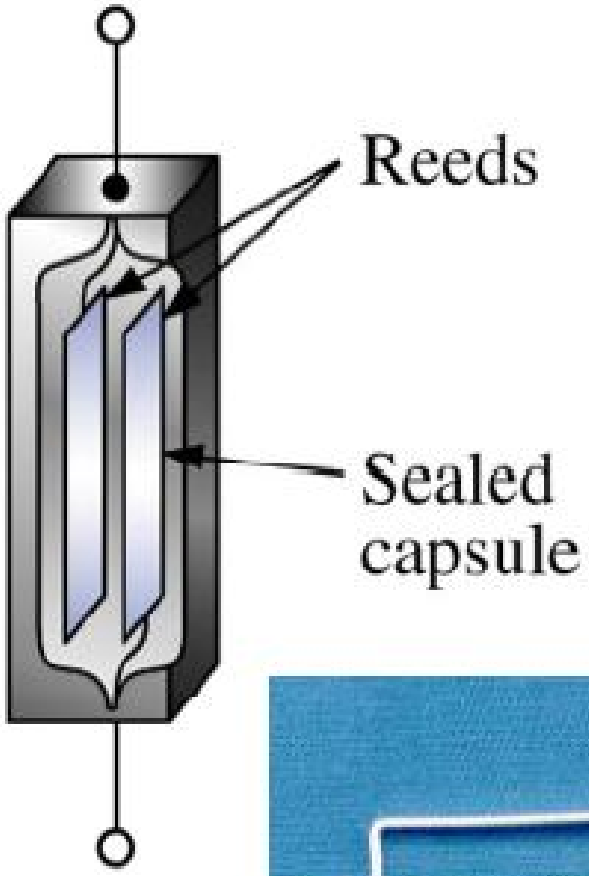
DISCO RÍGIDO (HD)

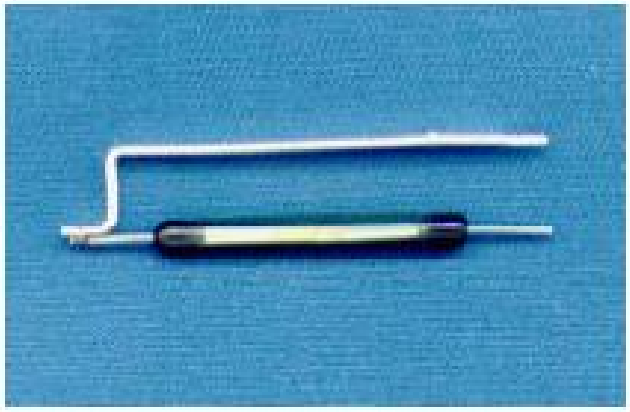
http://www.guiadohardware.net/



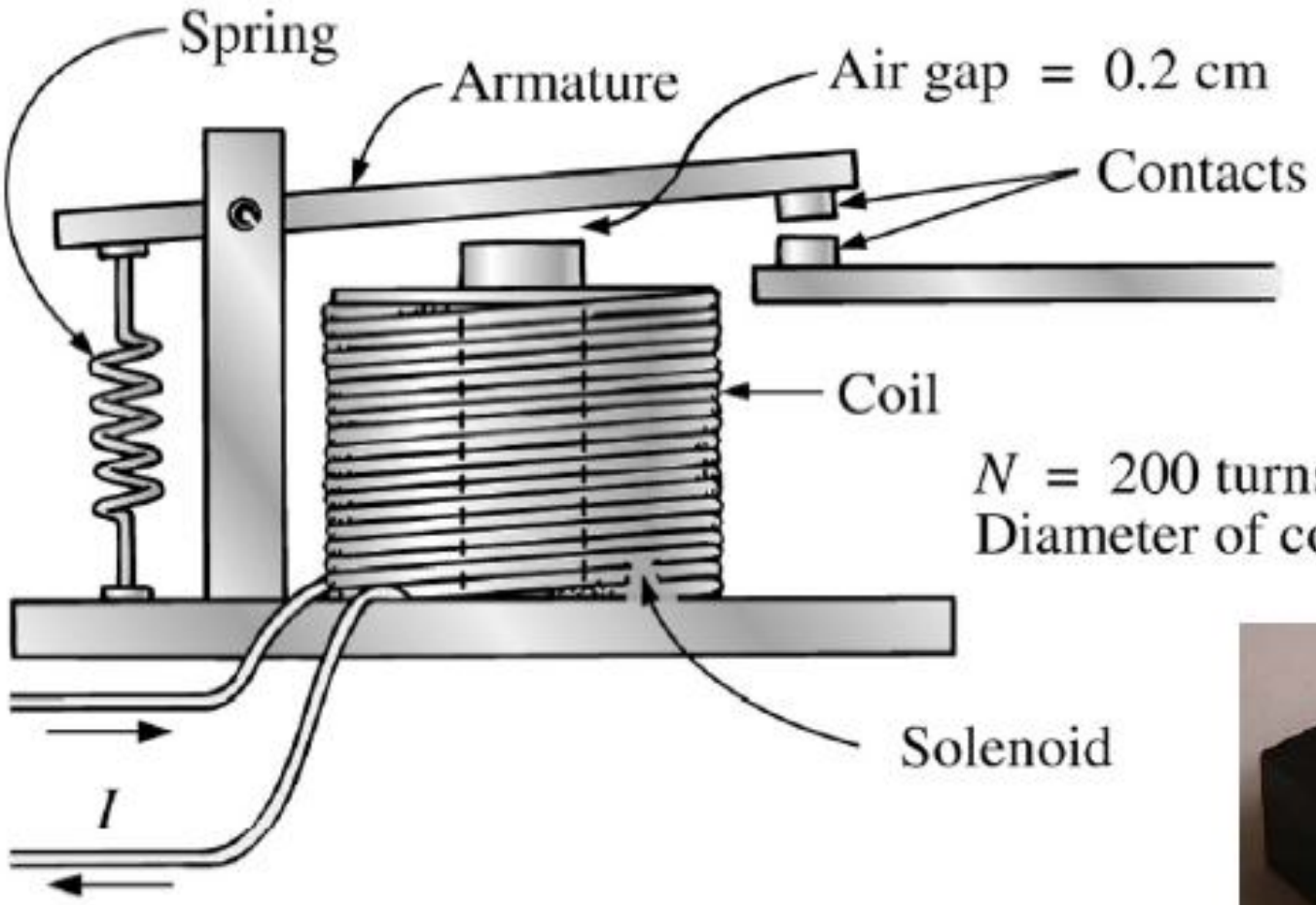
SENSOR MAGNÉTICO (reed-switch)







RELÉ


Spring
Armature
Air gap = 0.2 cm
Contacts
Coil
N = 200 turns
Diameter of core = 0.01 m
Solenoid
I

INDICADOR DE VELOCIDADE