



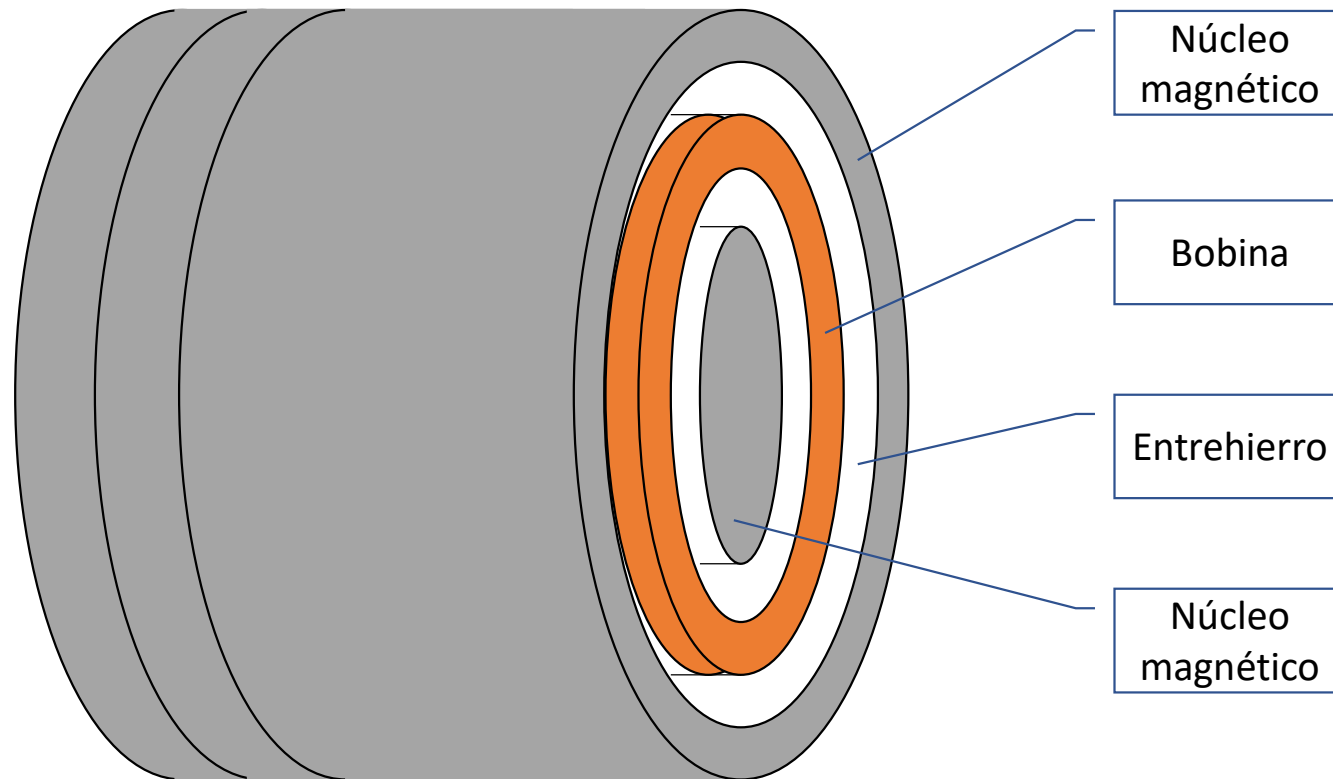
Universidad Tecnológica Nacional  
Facultad Regional San Nicolás

# Voice coil (motor lineal)

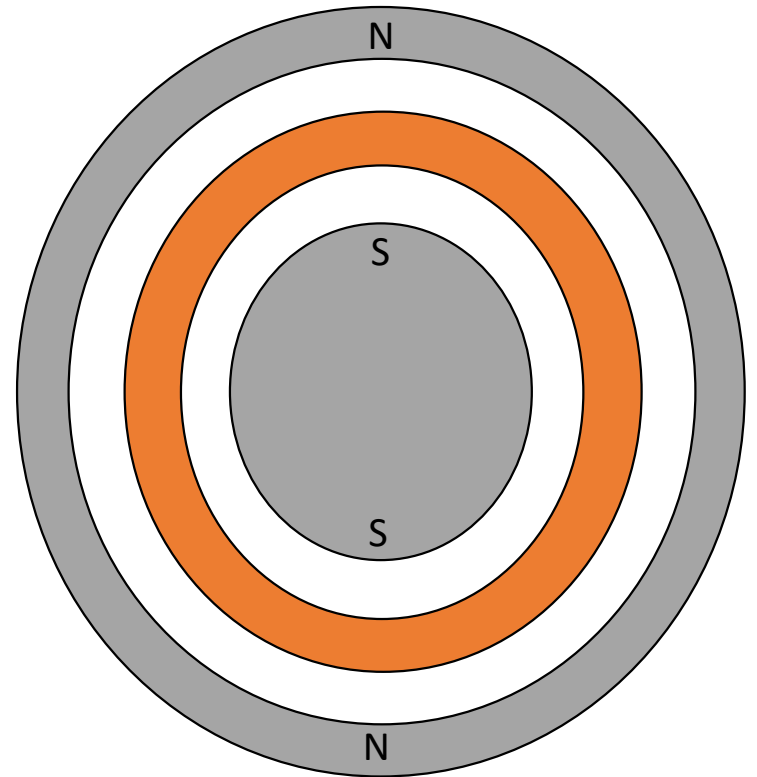
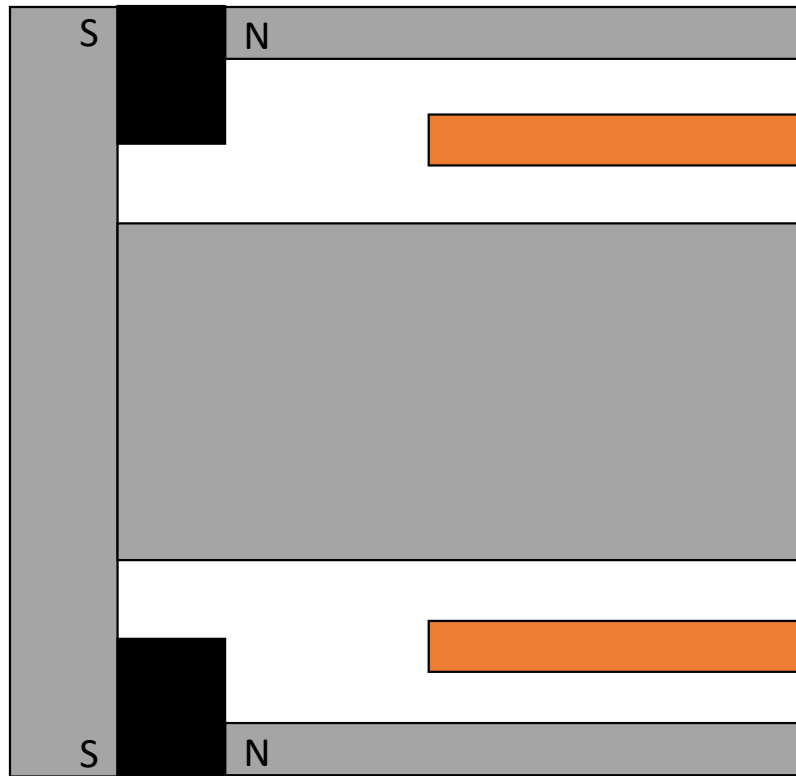
Técnicas Digitales III

Felipe Poblete, Mariano González - 2024

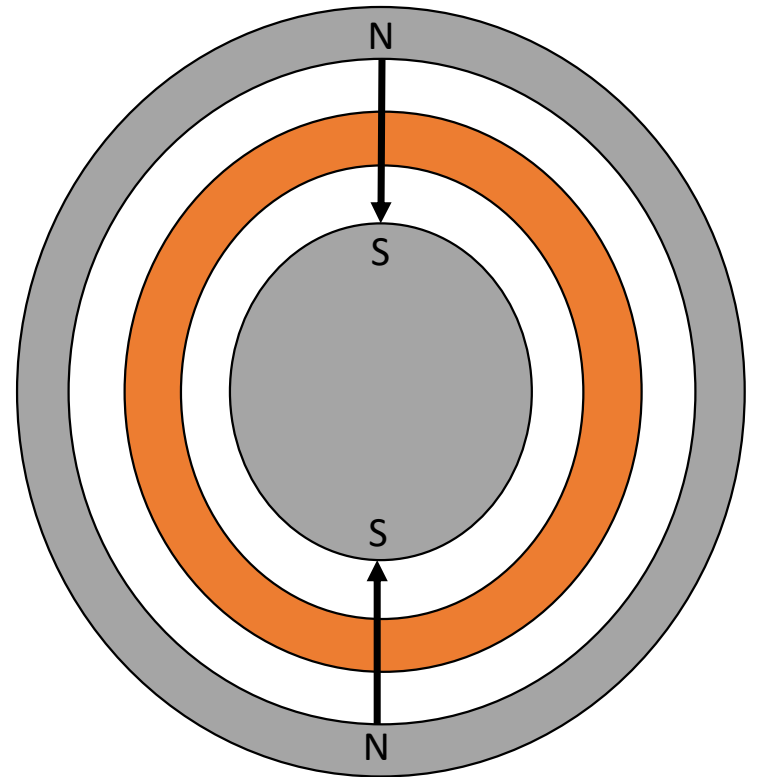
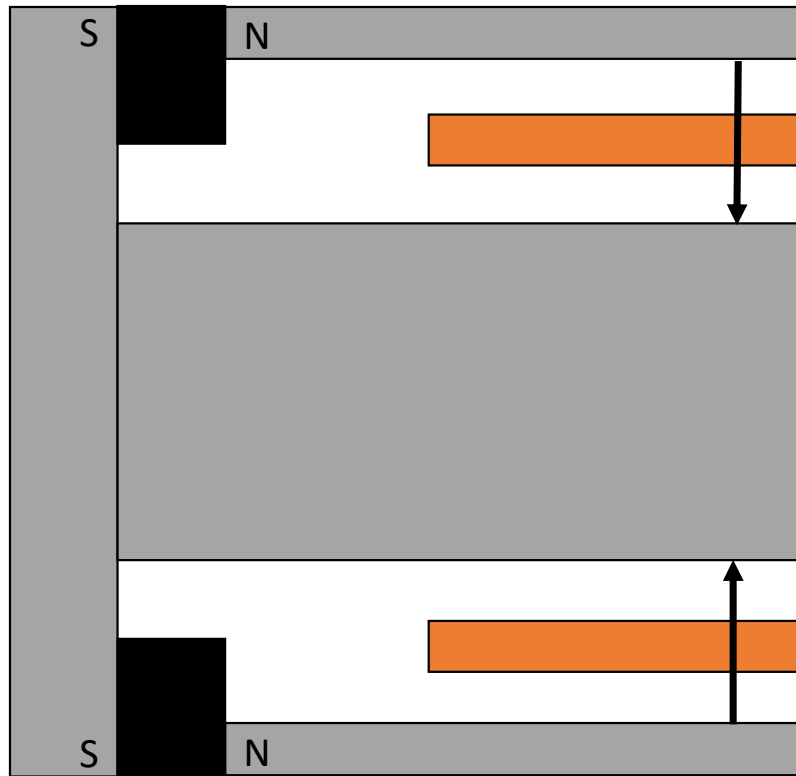
# Motor lineal (voice coil)



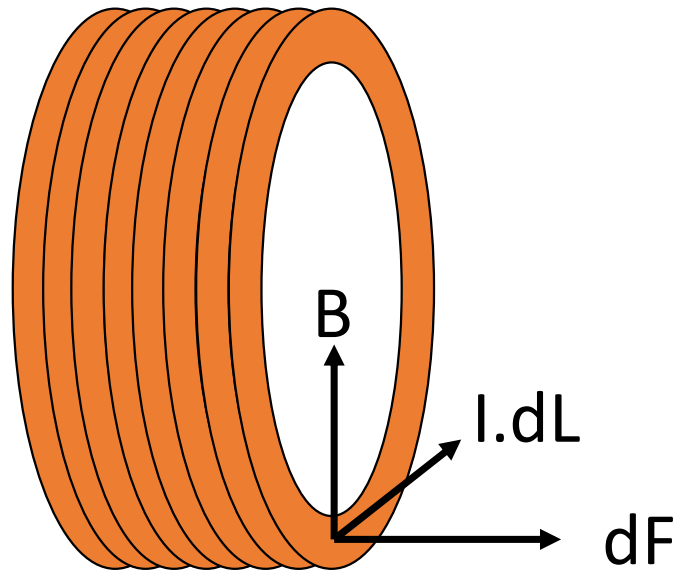
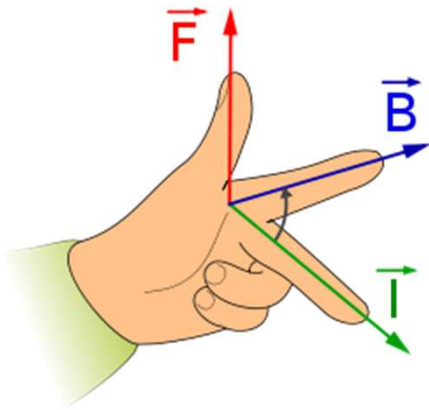
# Motor lineal (voice coil)



# Motor lineal (voice coil)

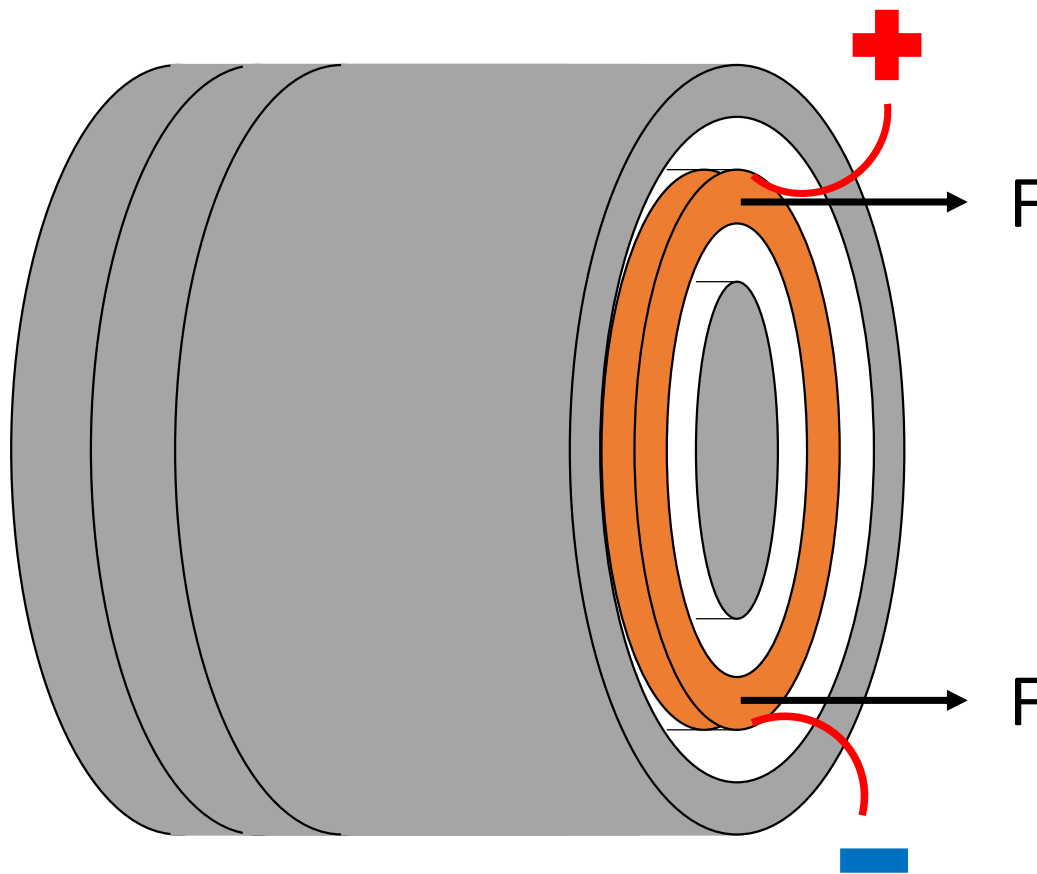


# Motor lineal (voice coil)



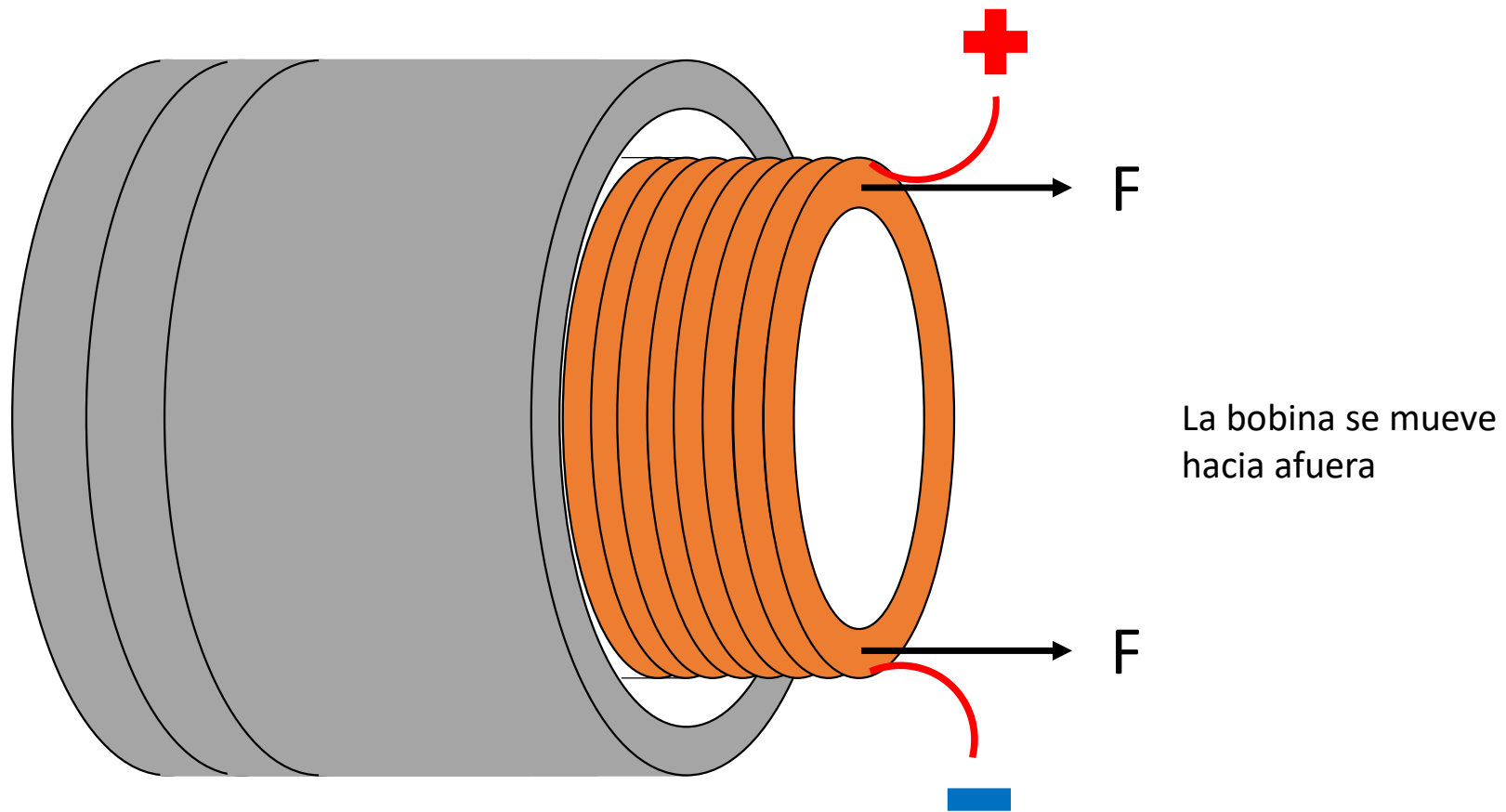
$$dF = B \wedge I \cdot dL$$

# Motor lineal (voice coil)

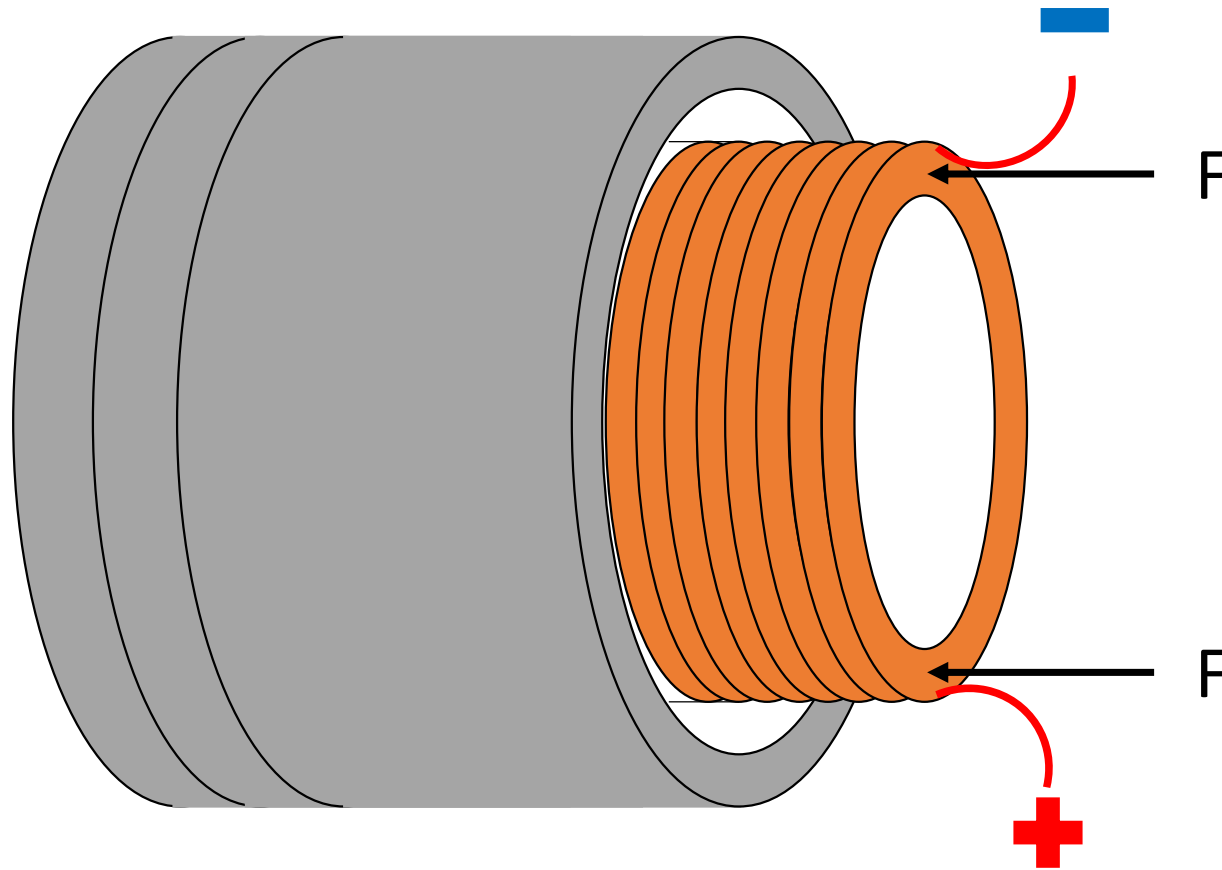


Se aplica corriente y  
se genera una fuerza

# Motor lineal (voice coil)

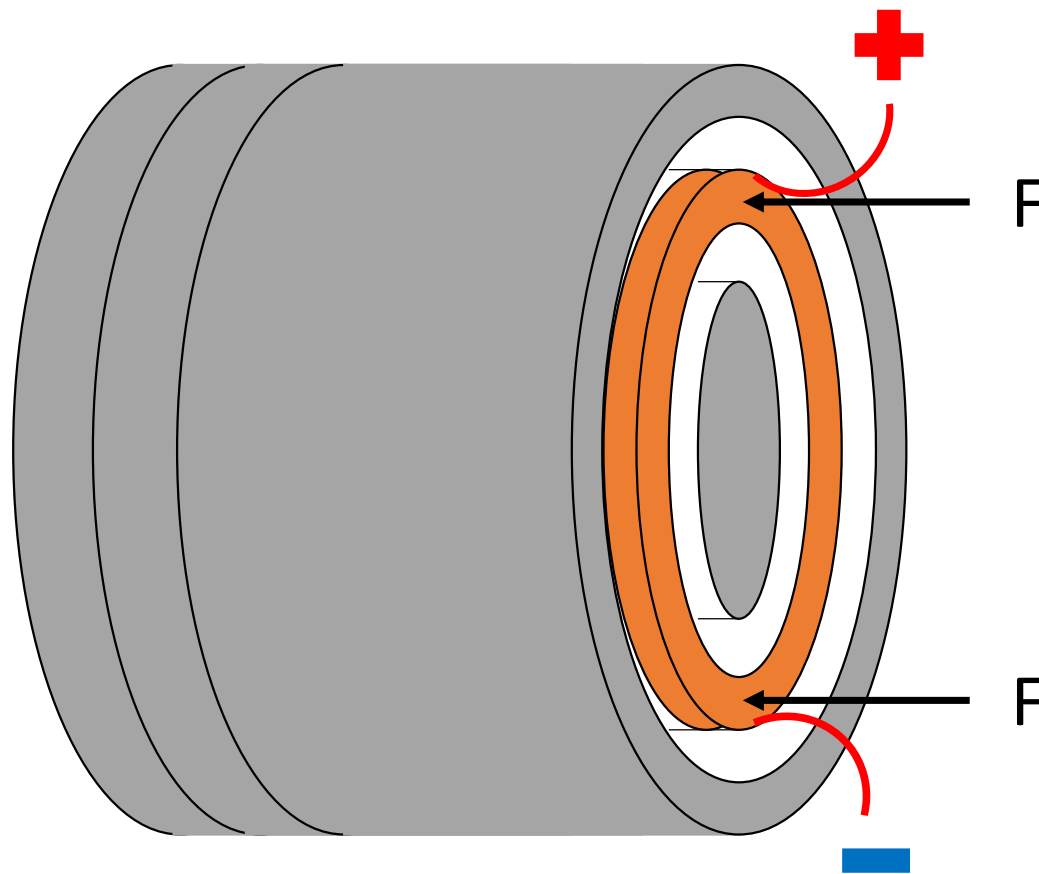


# Motor lineal (voice coil)



Se invierte la corriente.  
Se genera una fuerza de sentido contrario.

# Motor lineal (voice coil)



La bobina se mueve  
hacia adentro



Fin de la presentación

Técnicas Digitales III – UTN – FRSN

<https://www.frsn.utn.edu.ar/tecnicas3>