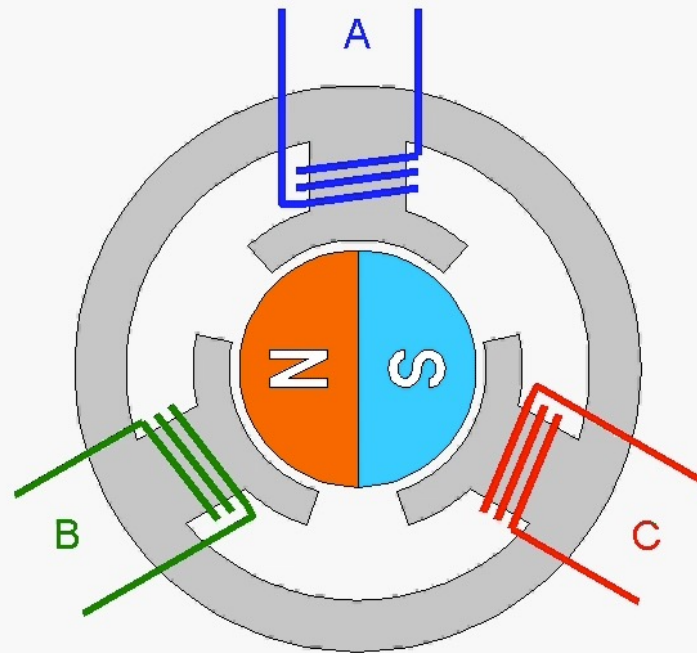


# Moteur synchrone

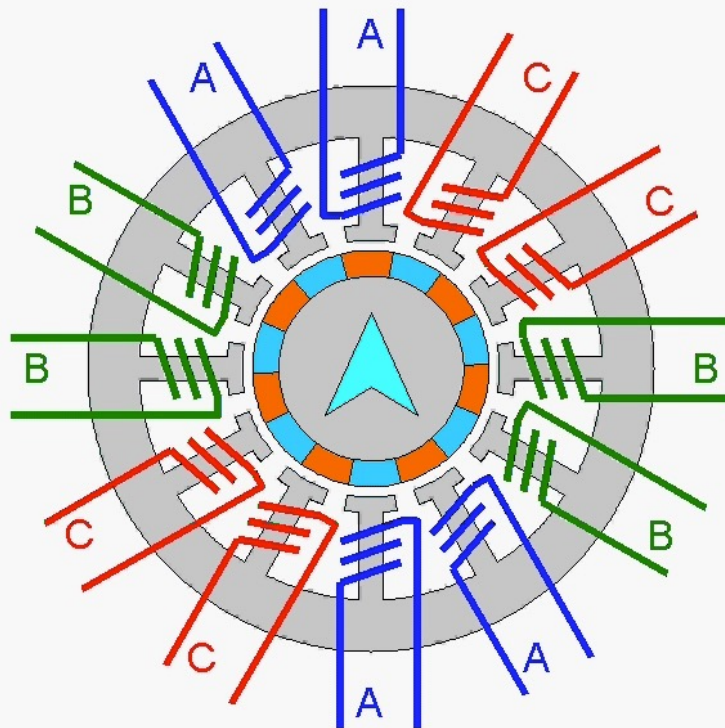
Actionneurs et Systèmes Electromagnétiques

Prof. Perriard & Dr Koechli

# Introduction des moteurs synchrones



# Introduction des moteurs synchrones

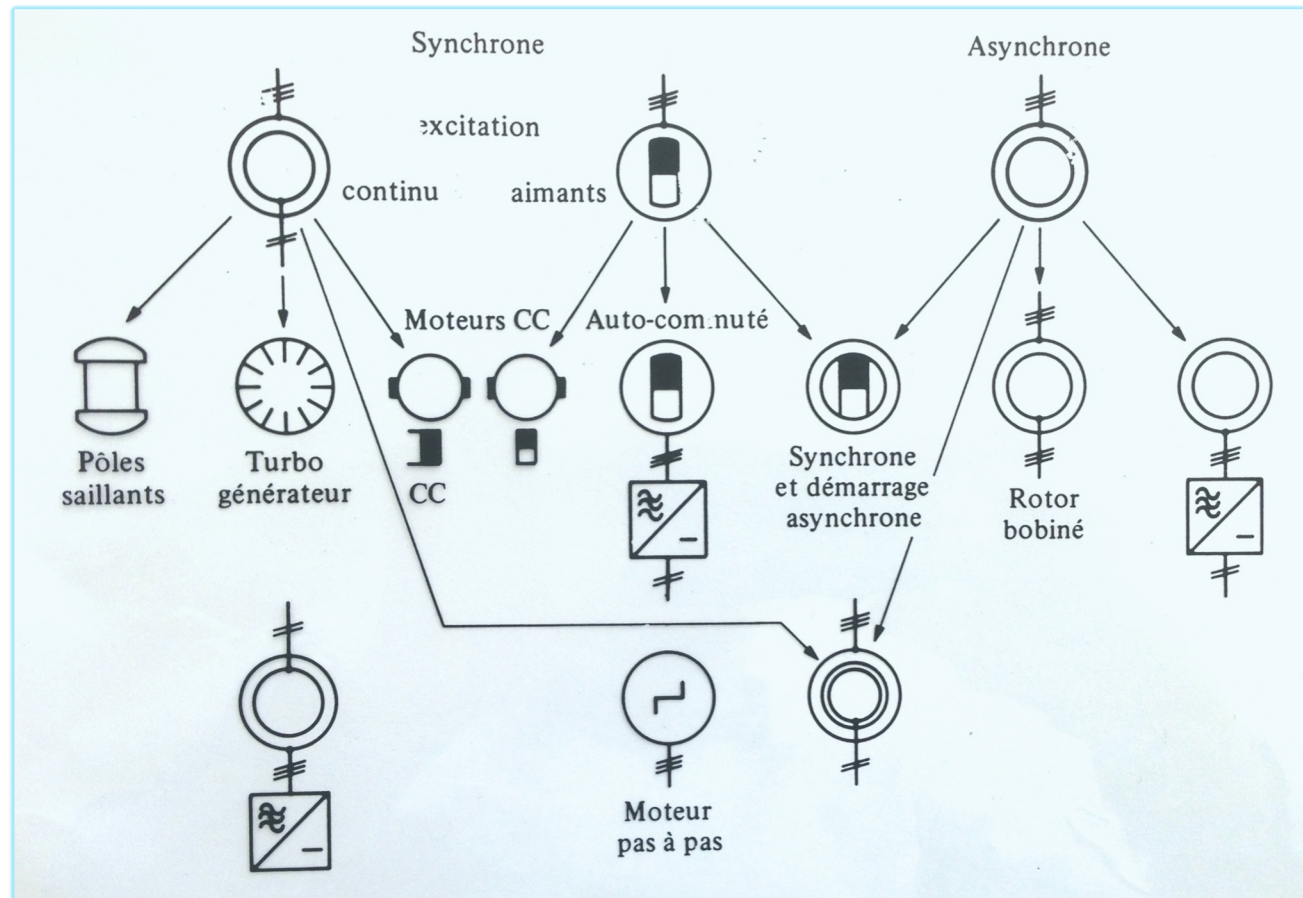


# Moteur synchrone: structure

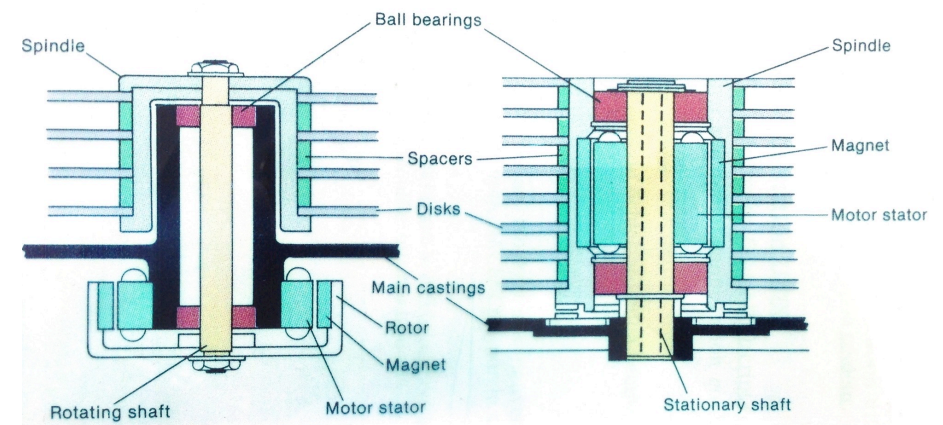
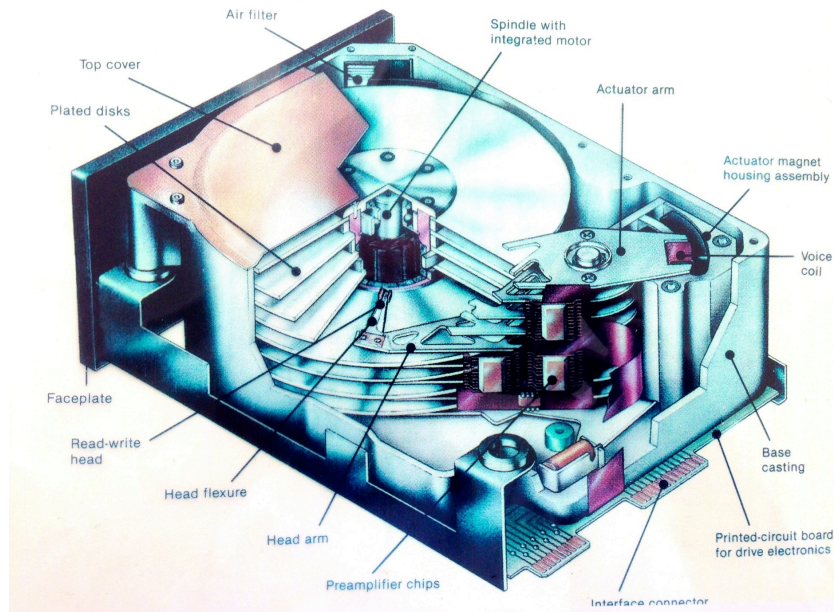
**Conversion électromécanique**

Prof. Perriard & Dr Koechli

# Structure des moteurs synchrones

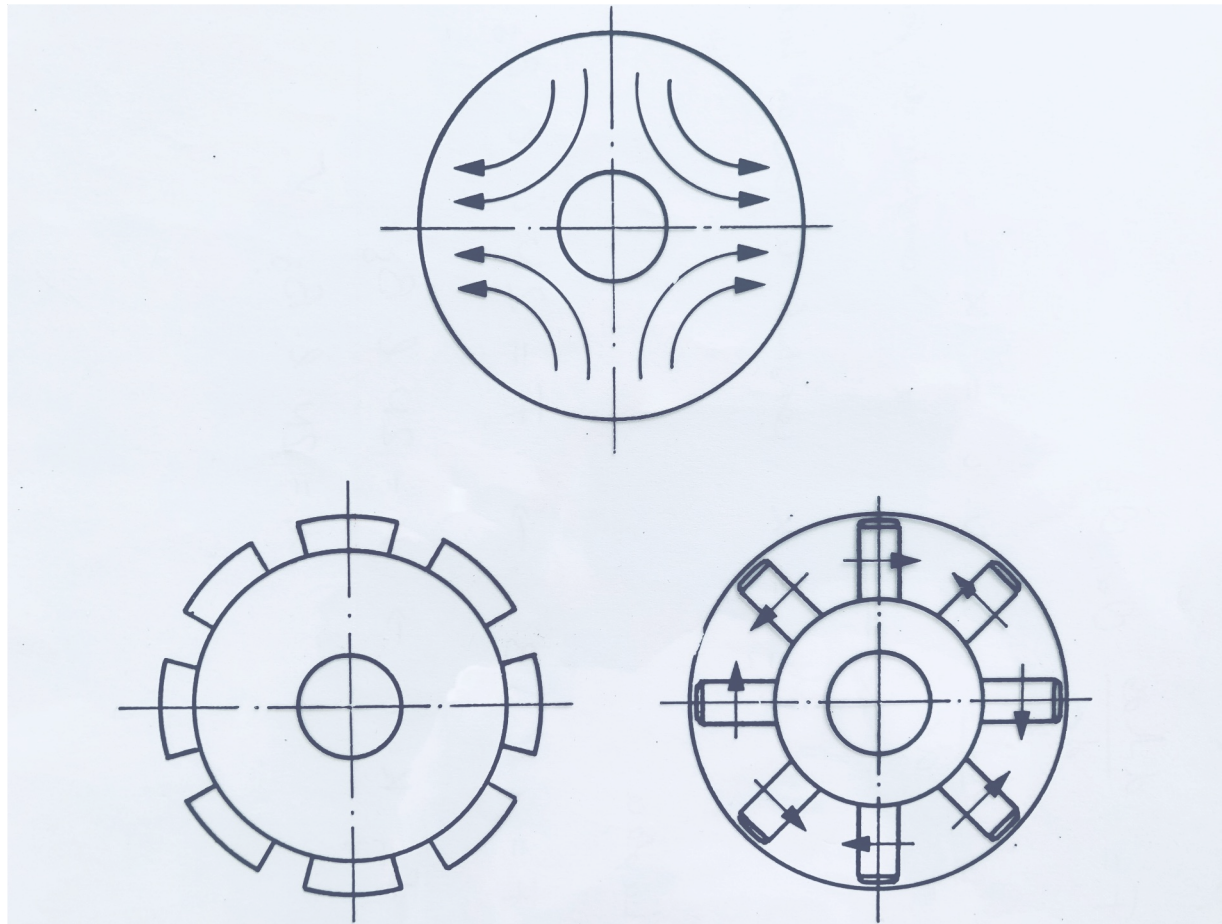


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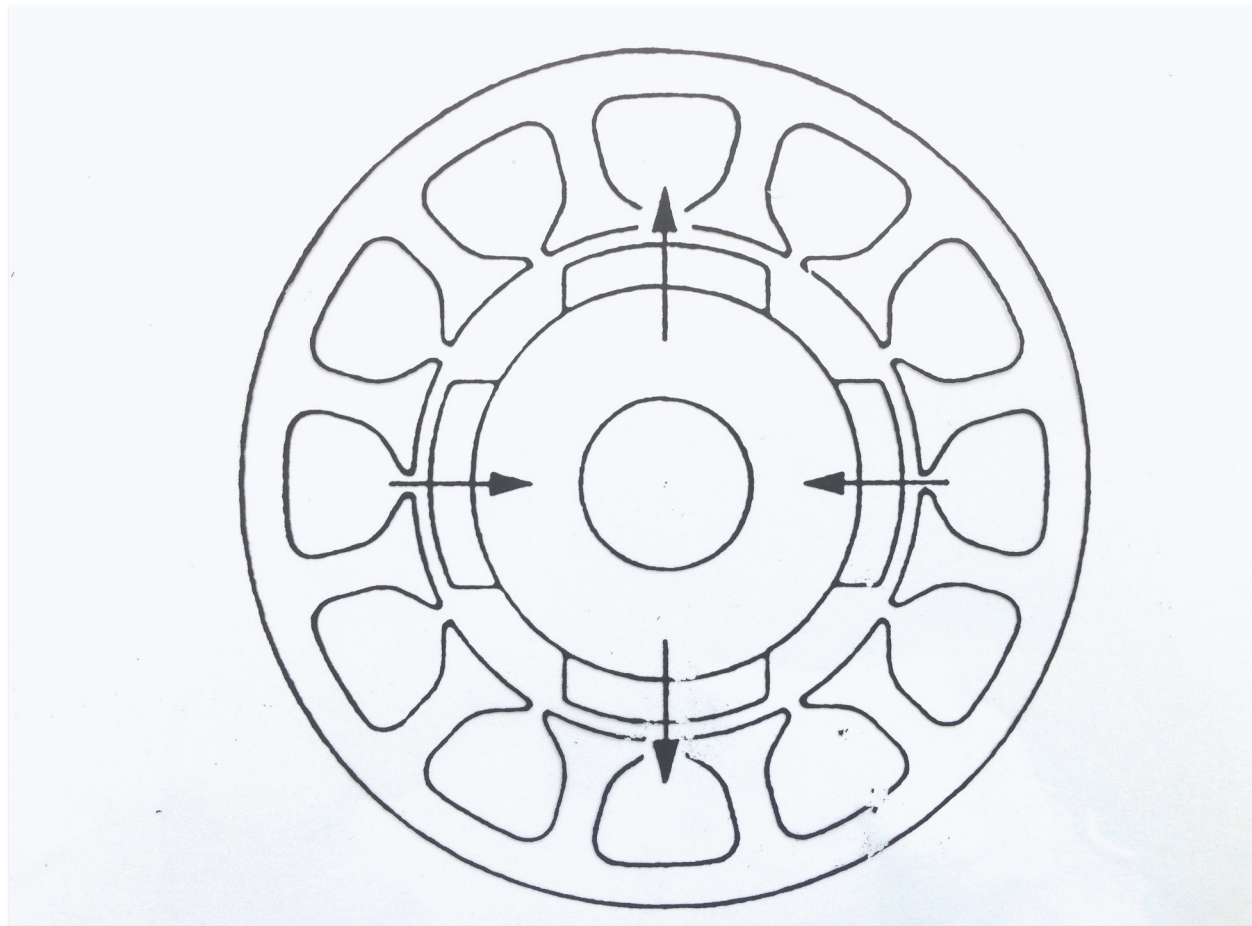




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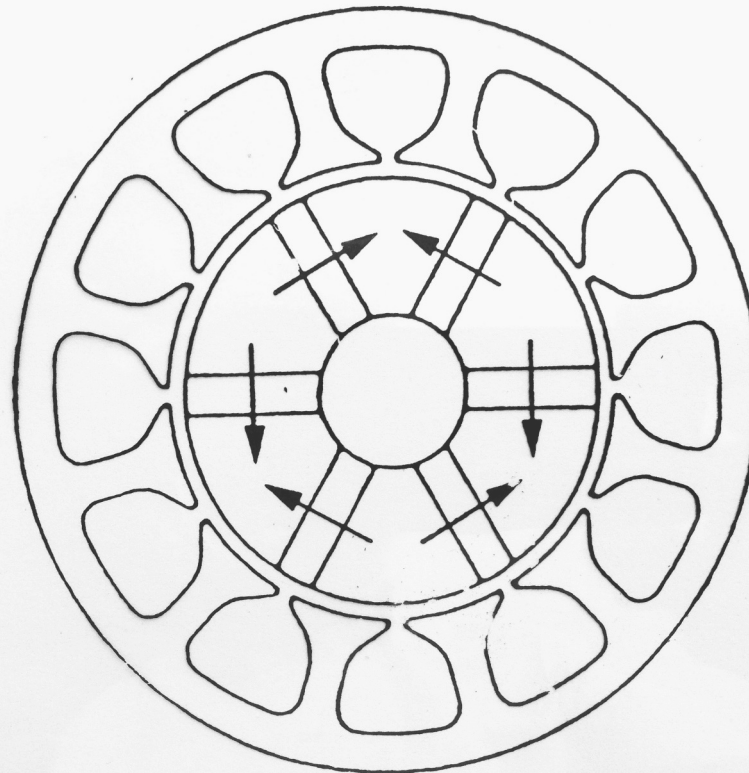


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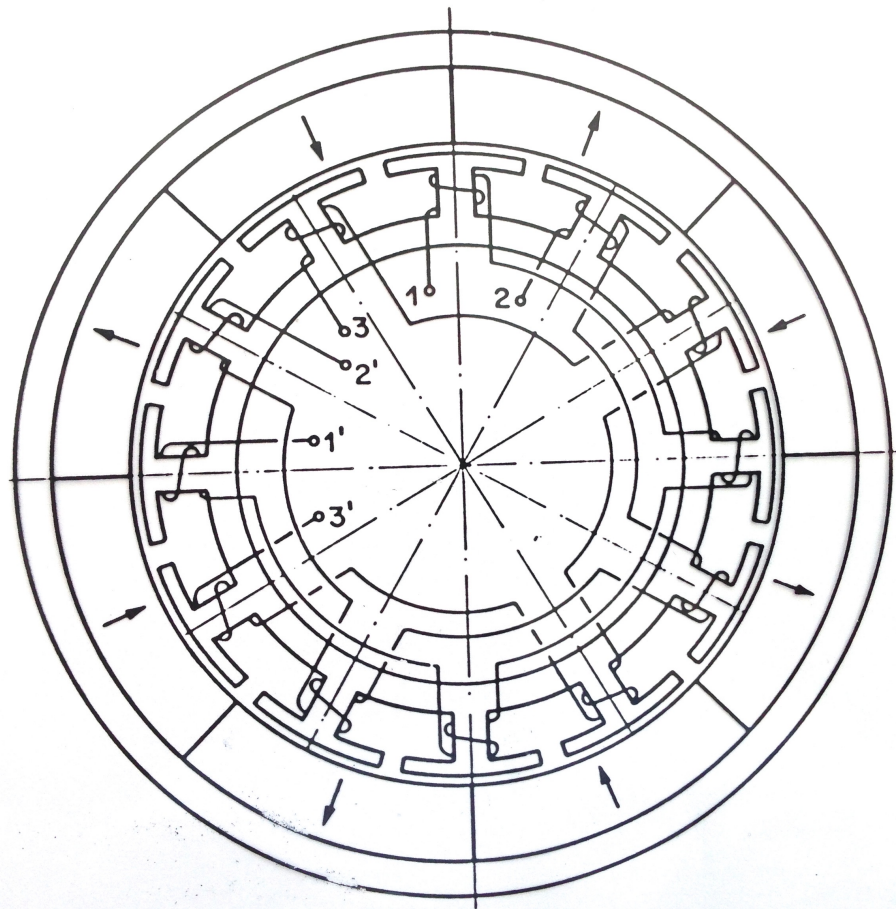




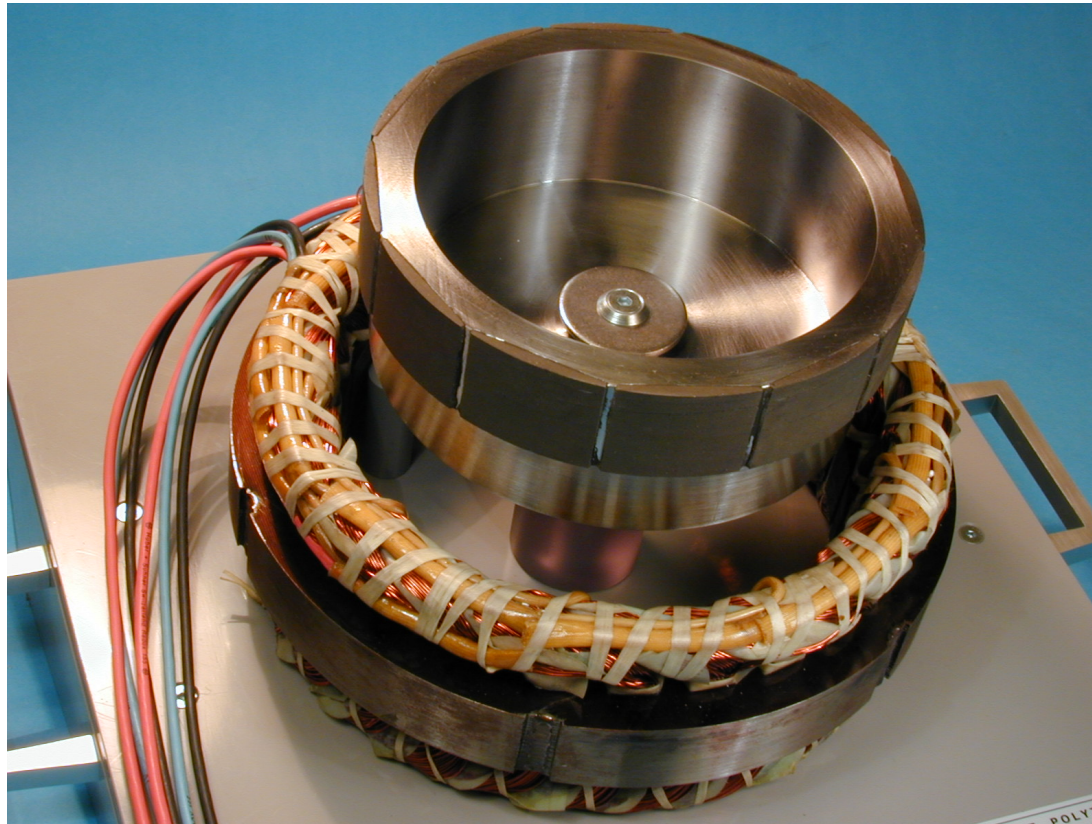
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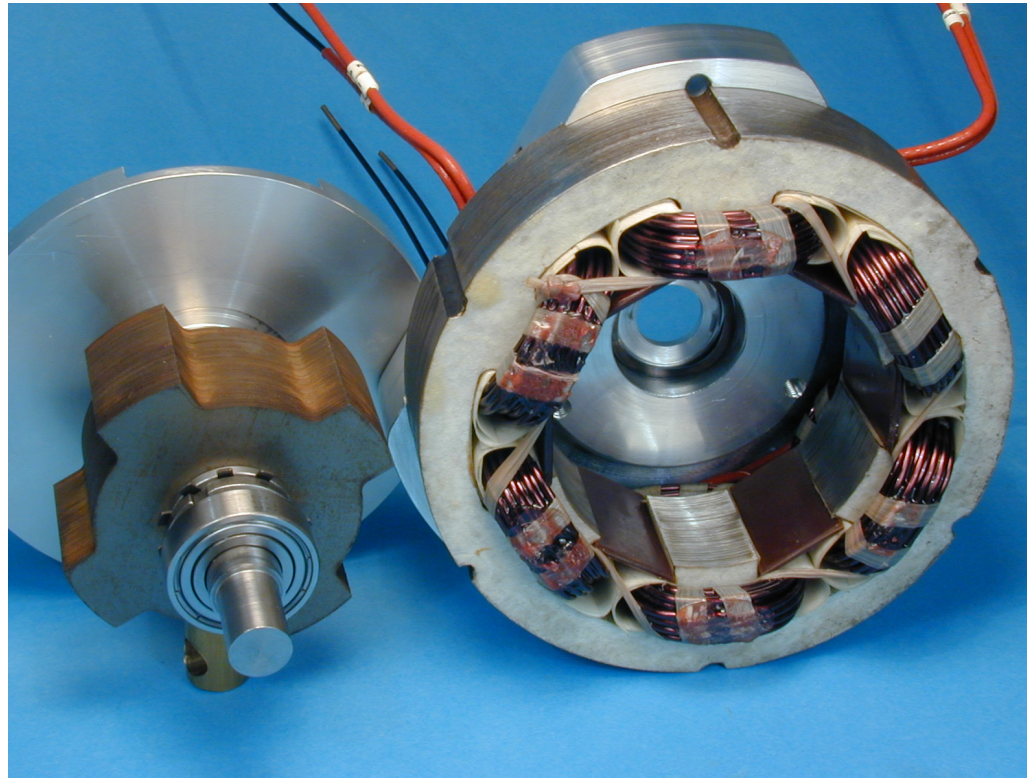
# Structure des moteurs synchrones



# Structure des moteurs synchrones

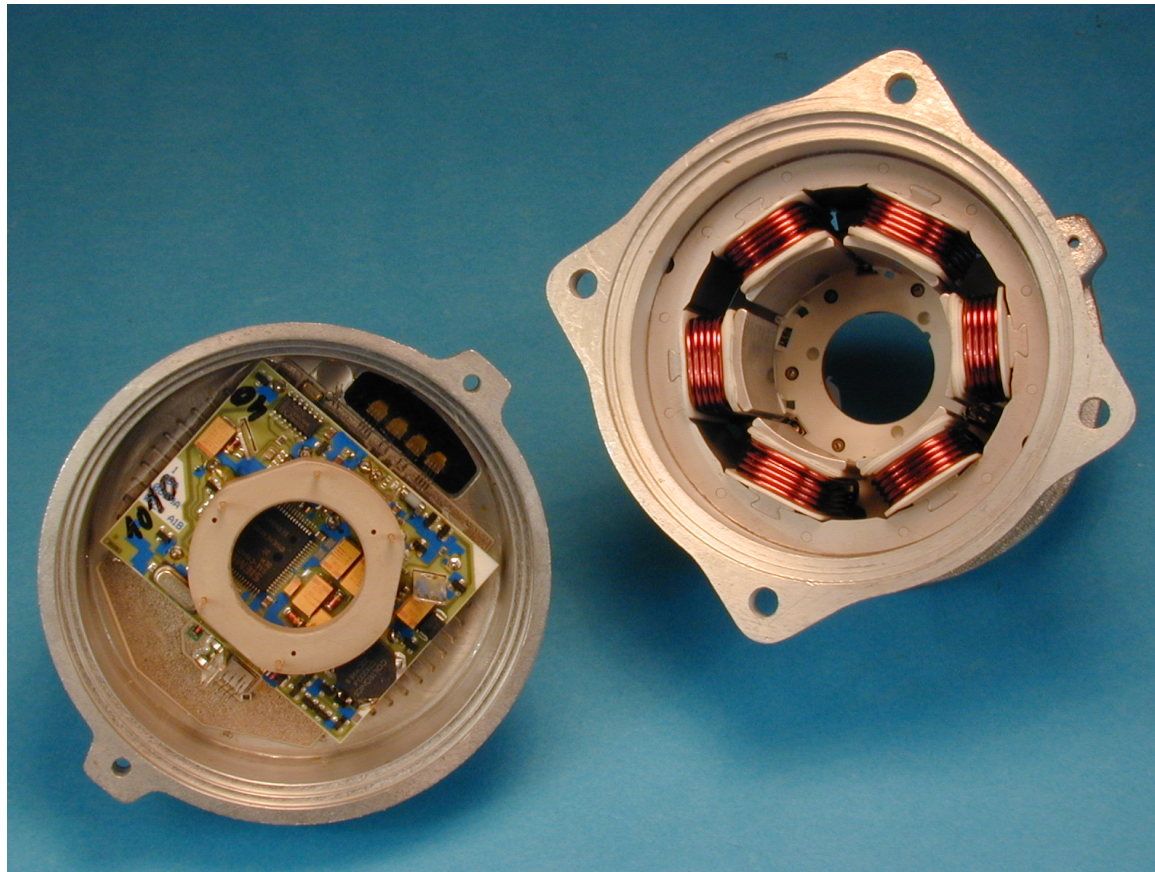


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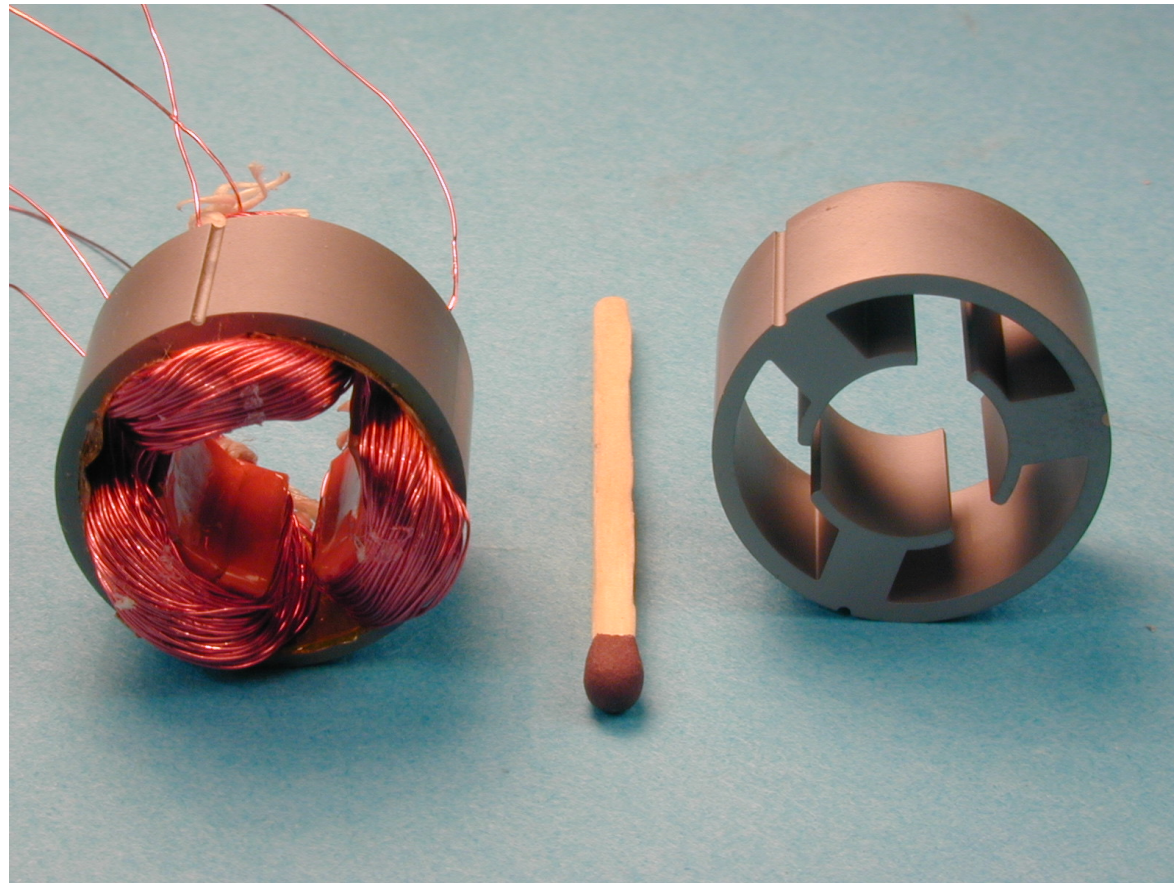




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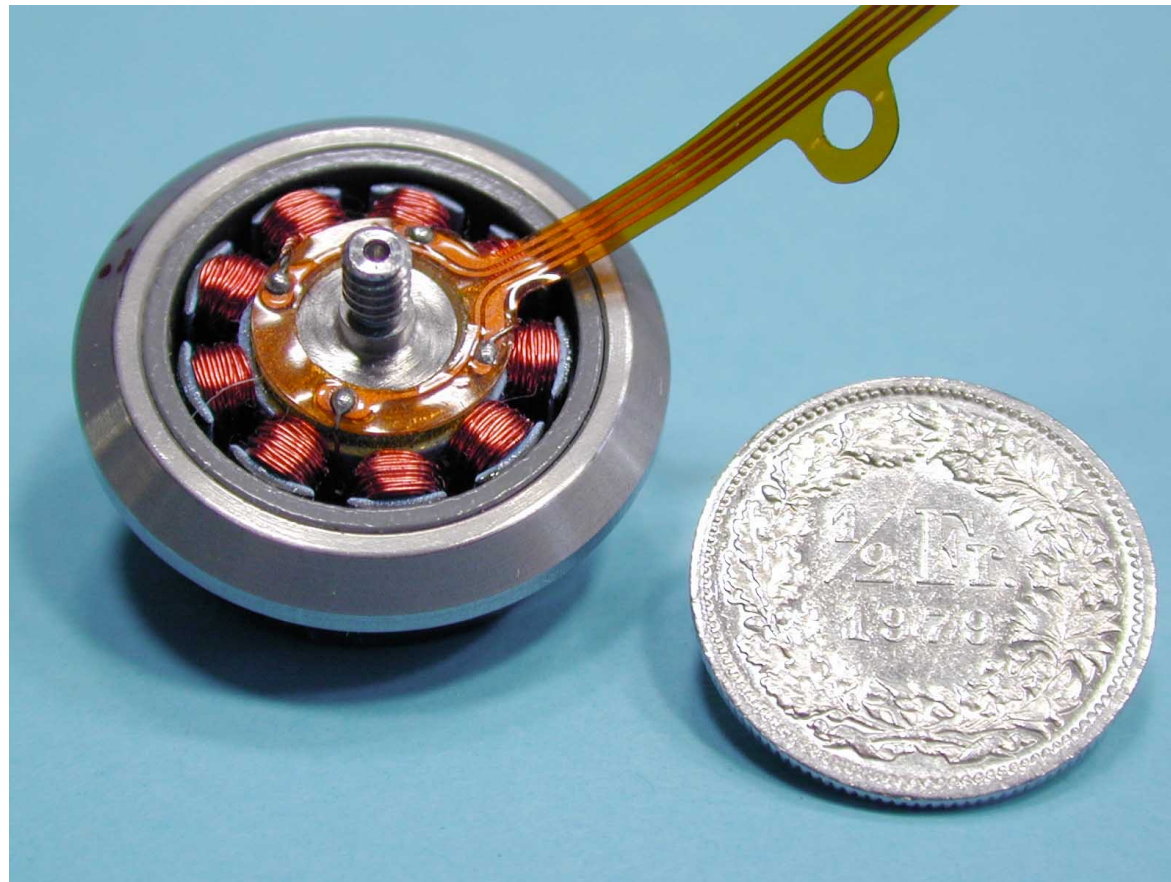


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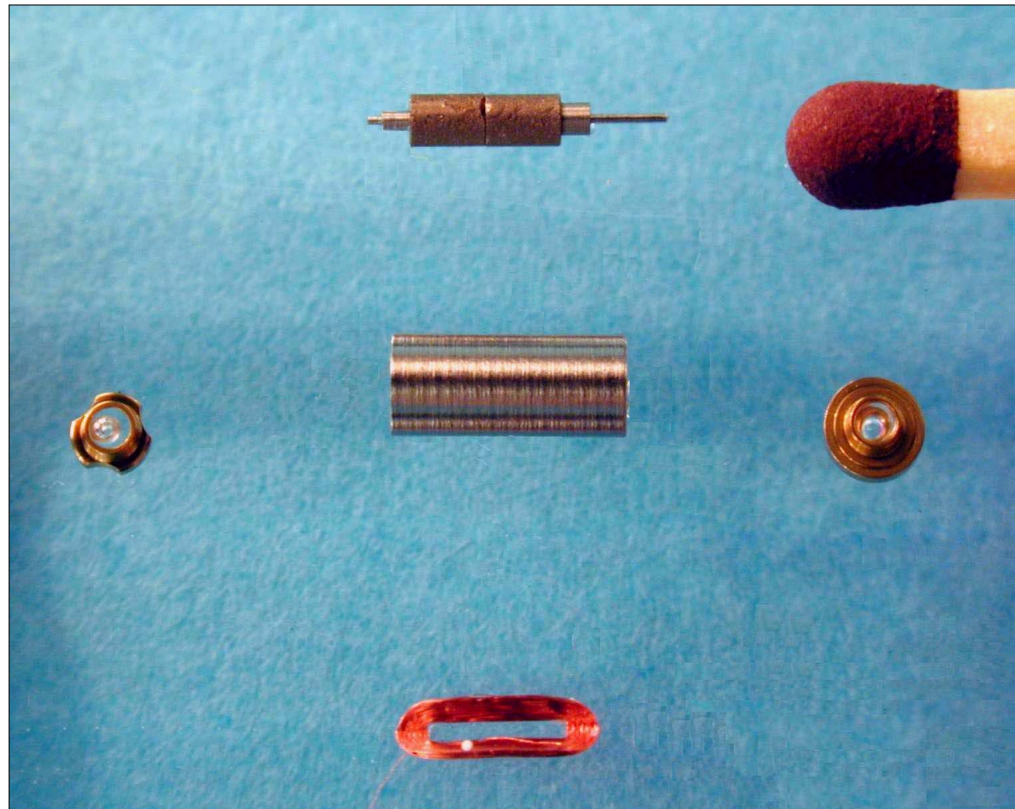




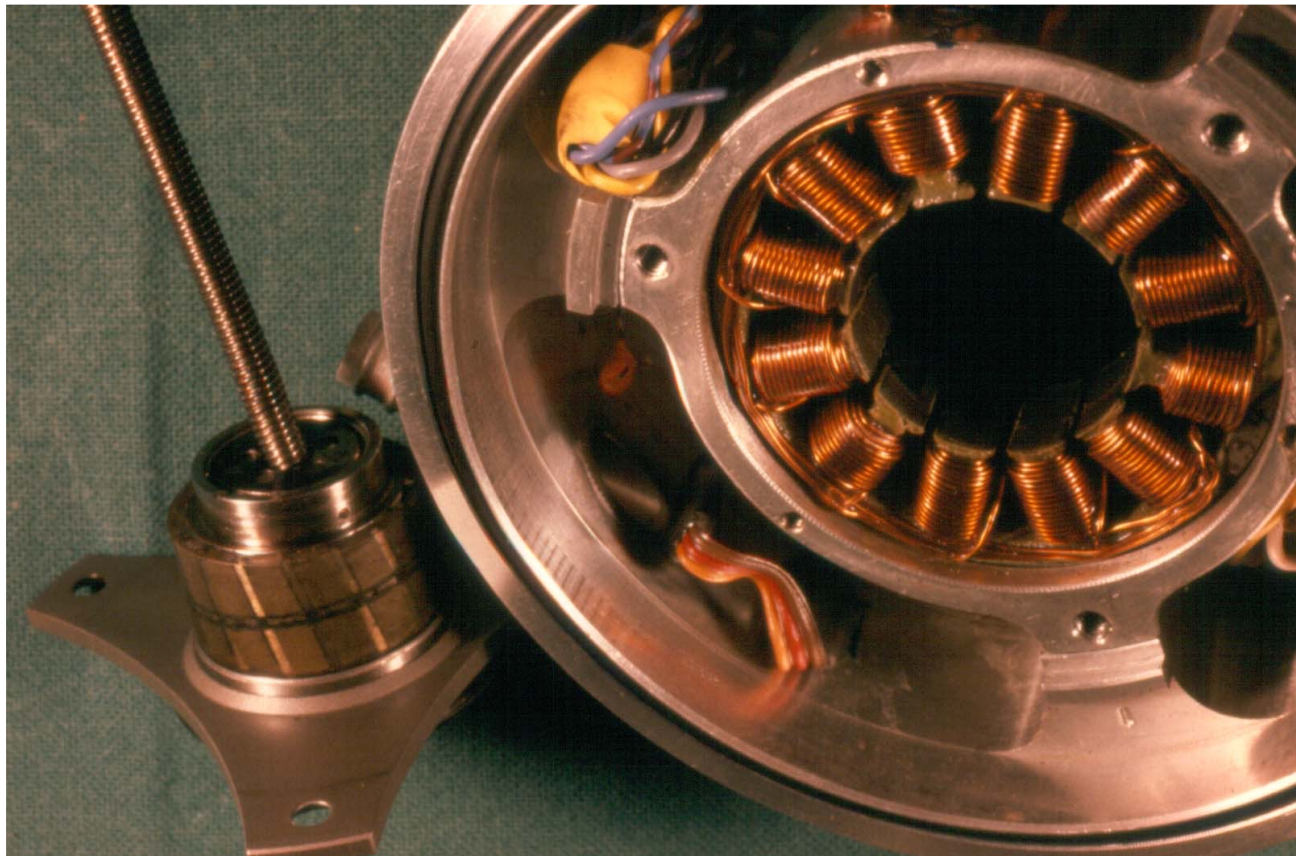
# Structure des moteurs synchrones



# Structure des moteurs synchrones



# Structure des moteurs synchrones



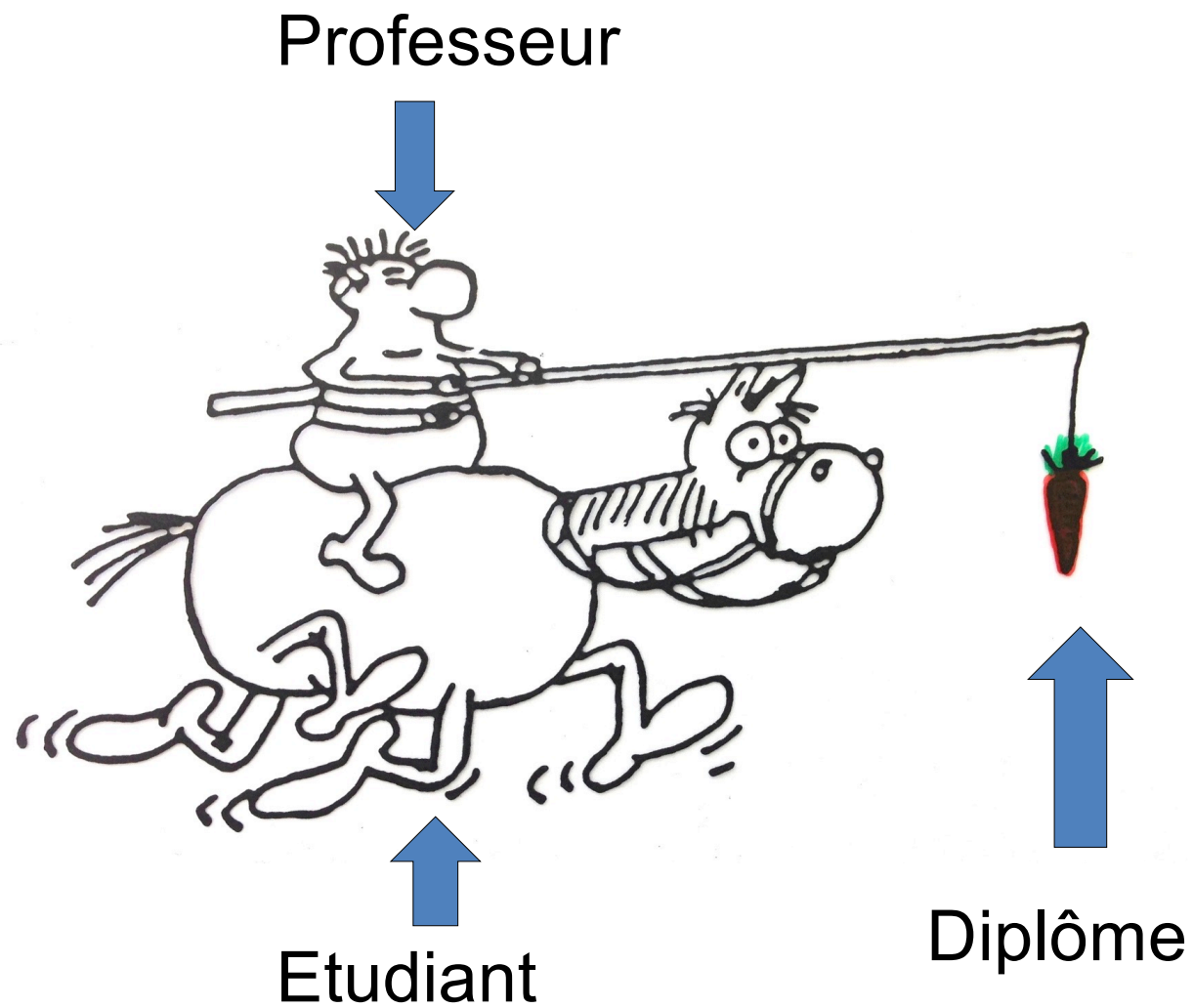
# **Moteur synchrone: Auto-commutation**

**Conversion électromécanique**

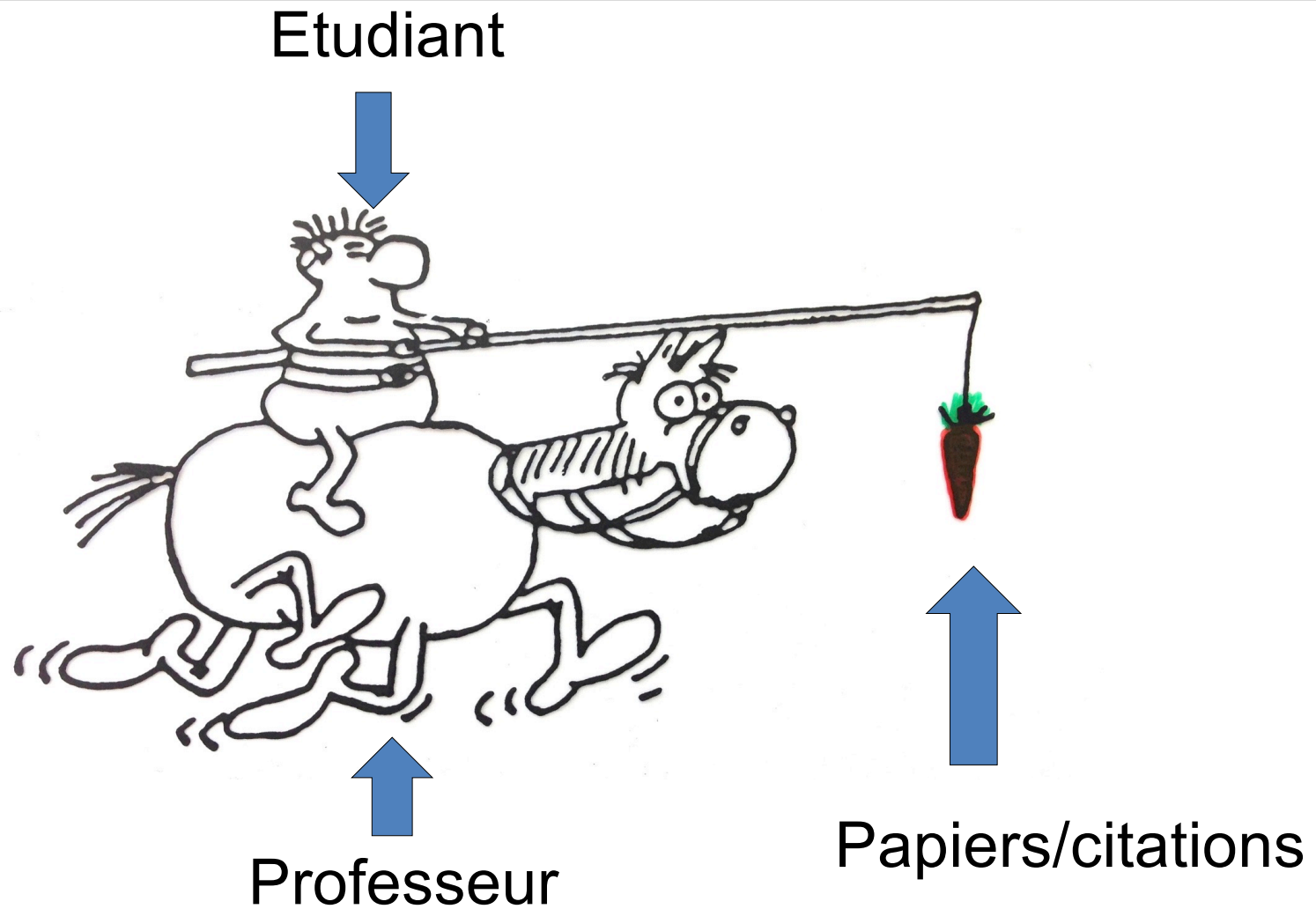
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# Auto-commutation



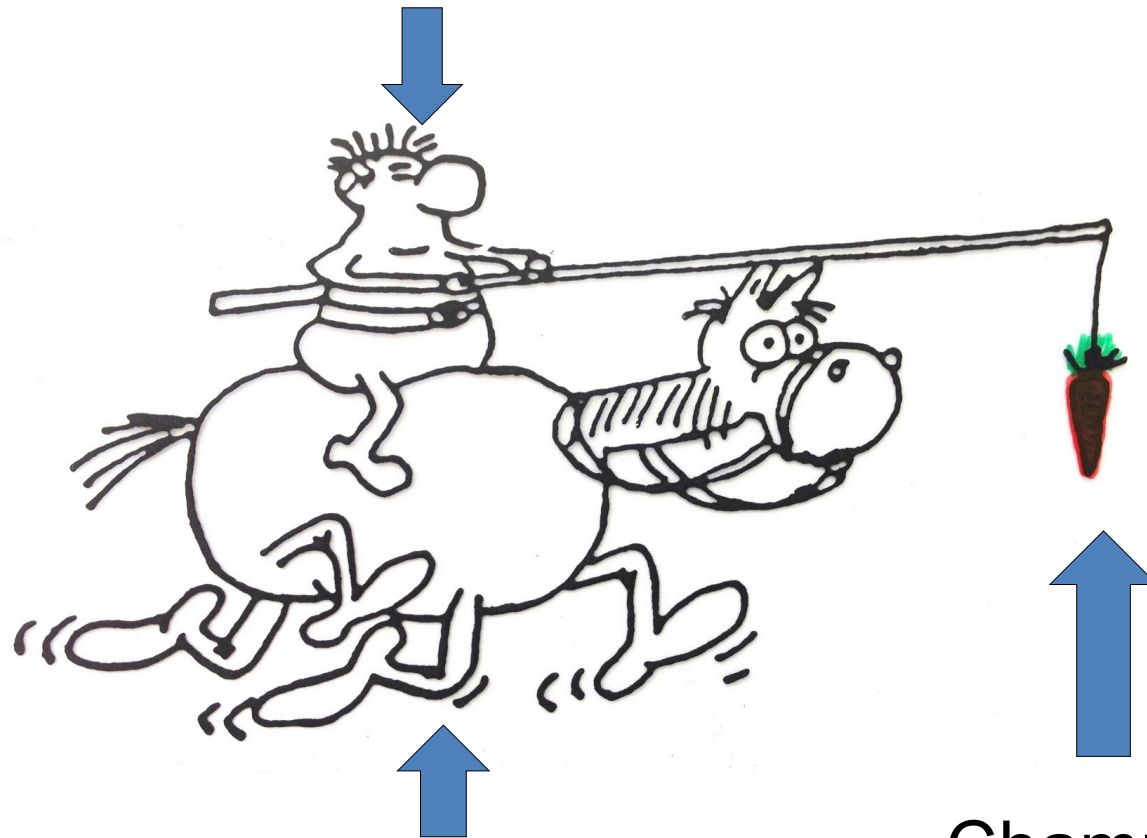
# Auto-commutation





# Auto-commutation

Système auto-commuté



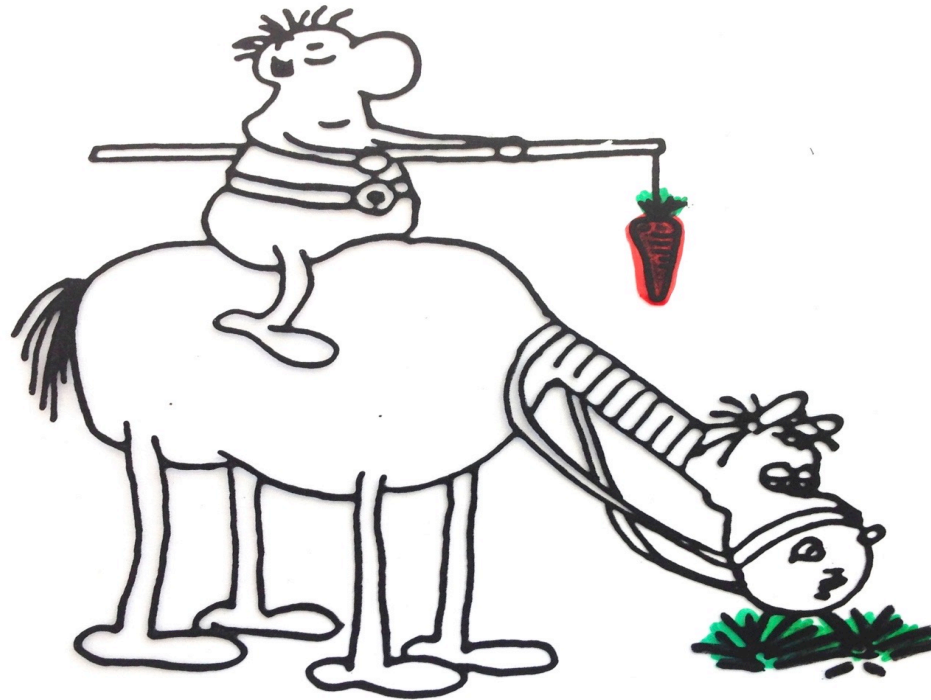
Aimant rotorique

Champ magnétique

# Auto-commutation



# Auto-commutation

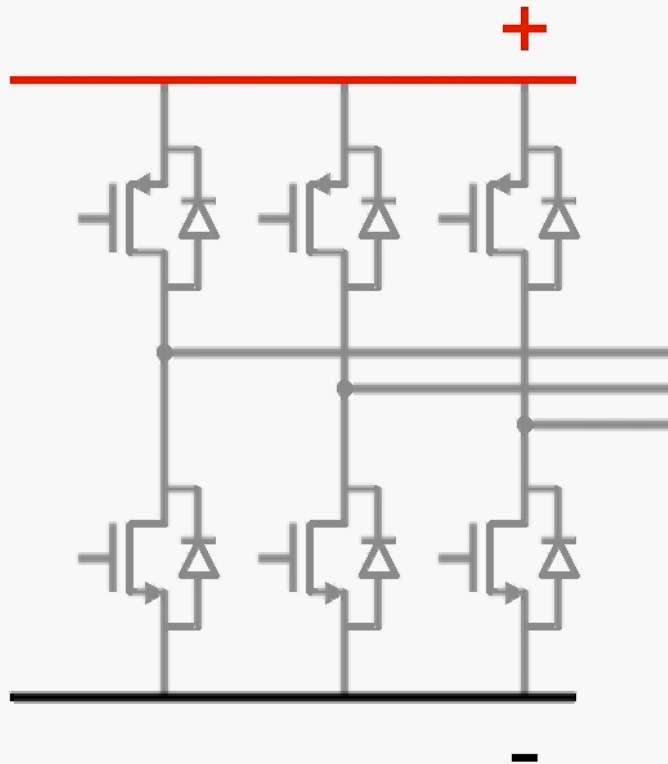


# Auto-commutation



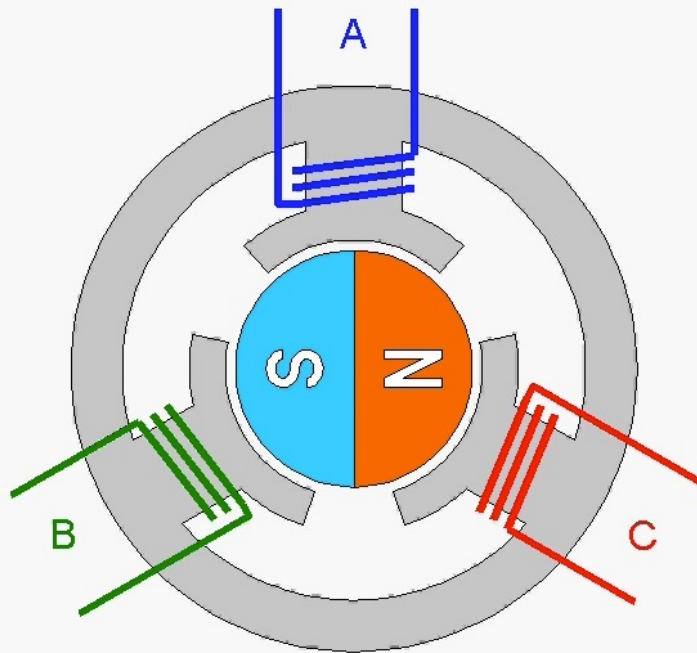
# Auto-commutation

## Electronique de commande, onduleur



# Auto-commutation

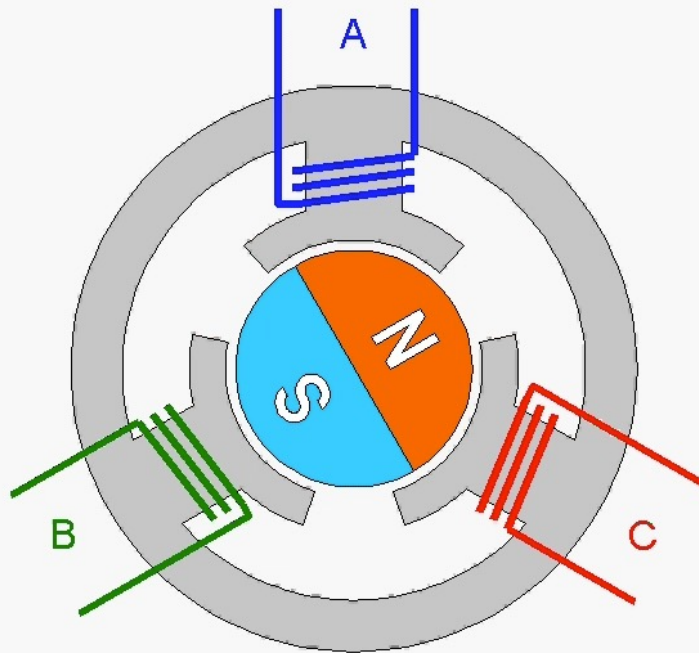
Electronique de commande, commutation à 120 degrés





# Auto-commutation

Electronique de commande, capteur de Hall



## Mode de commutation

