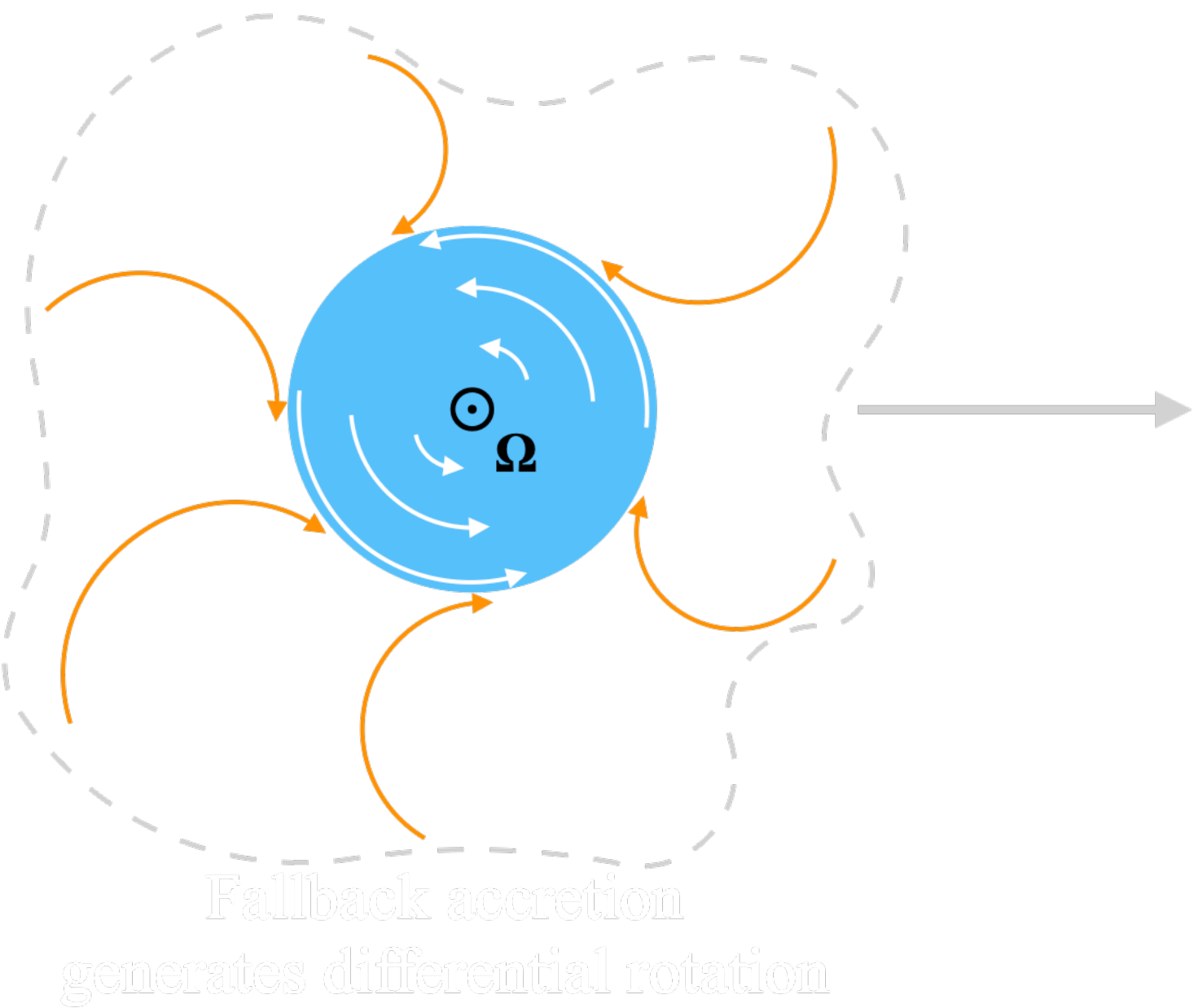
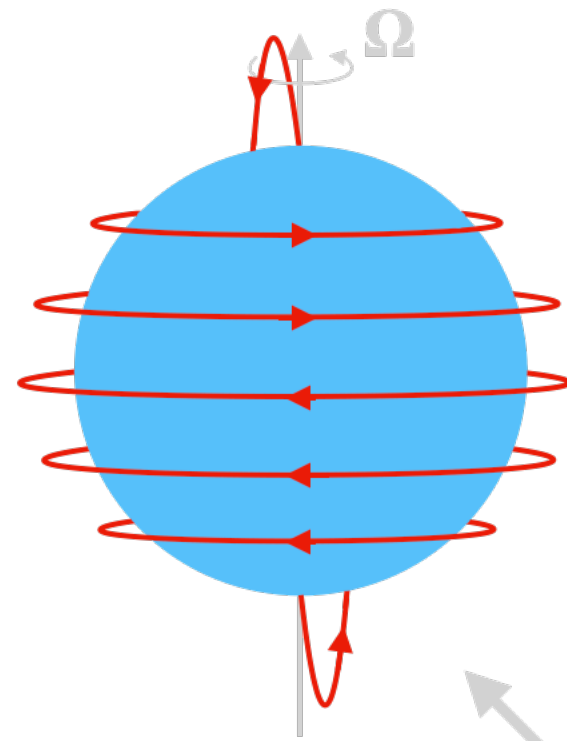


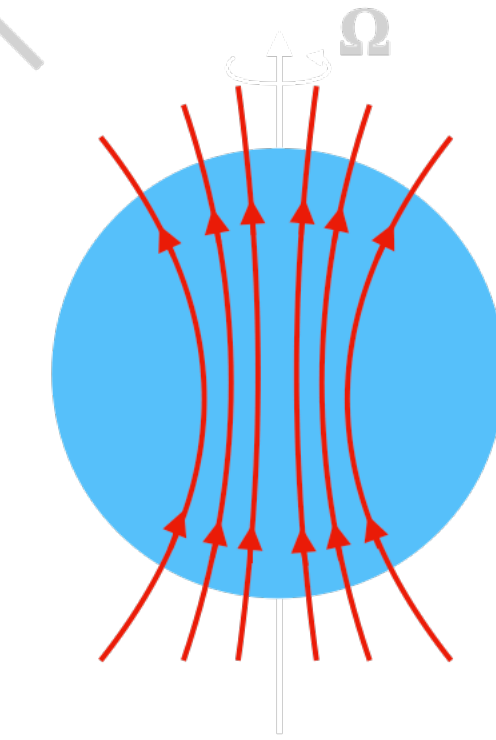
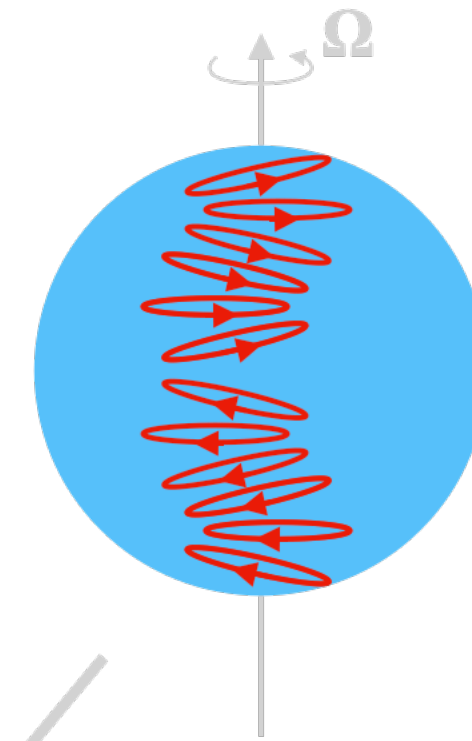
# Tayler-Spruit dynamo loop



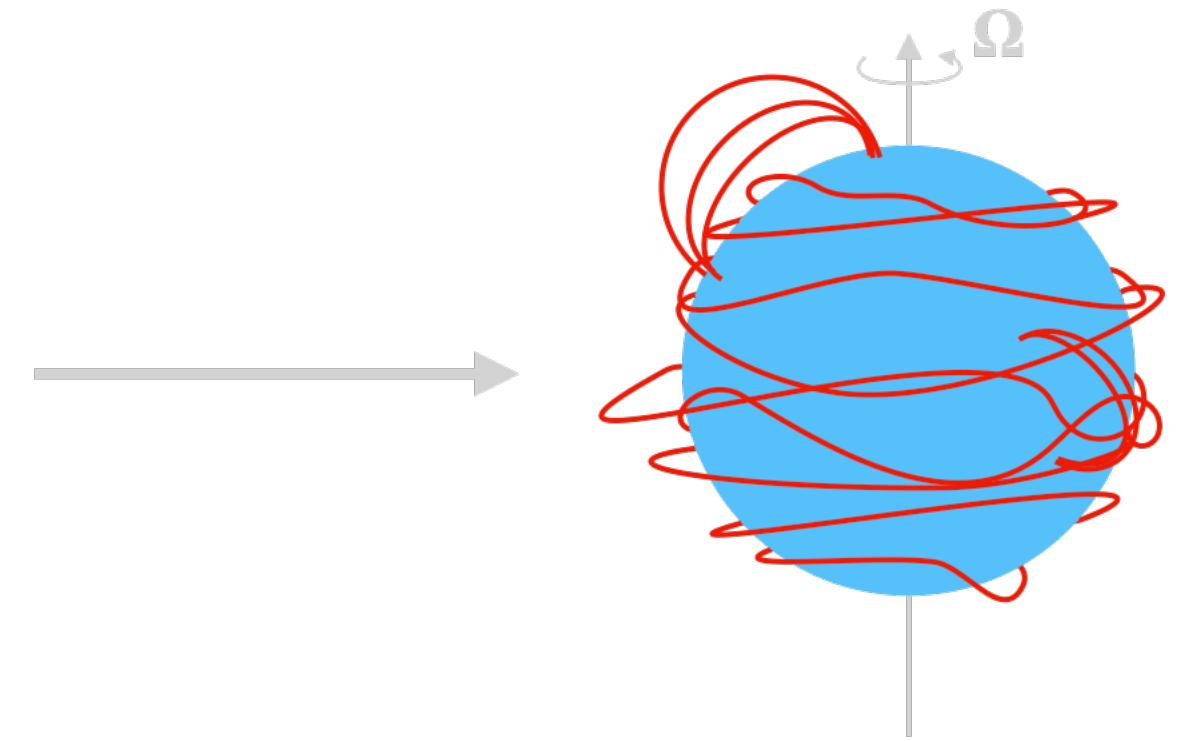
Differential rotation  
shears  $B_r$  into  $B_\phi$



Taylor instability  
generates  $\delta B_\perp$



$E_\phi$  generates  $B_r$



Saturated turbulent  
magnetic field