







Dynamo models • If the ω -effect decreases, the importance of the alpha effect may increase $\rightarrow \alpha^2 \omega \, dynamo$ • Fully convective stars (e.g. M Dwarfs) have no radiative core and so no location where the $\omega\text{-effect}$ can generate toroidal field $\rightarrow \alpha^2$ dynamo • α^2 effect is distributed throughout the convection zone, so we may expect to see magnetic flux and therefore starspots at all latitudes Doppler images of M dwarfs appear to show spots distribted uniformly at all latitudes AS 5002 Star Formation & Plasma Astrophysics