

Depth of the Solar Convection zone

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what is the convection zone

- (?) defines the convection zone where $\nabla_{ad} > \nabla_{rad}$. The stability criterion can be quantified with the sound speed the stability criterion \mathcal{W}

$$\mathcal{W} \approx \frac{r^2}{Gm} \frac{d(c^2)}{dr} \approx \gamma(\Gamma^{-1} - 1)$$

- This definition will be used in the inversions to get the values of \mathcal{W} from the values for sound speed.
- Sound speed is got from various inversion techniques of frequency.

Bibliography