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Some Recent Developments In The Theory of Stellar Convection

We review the essential ingredients of Mixing Length Theory and comment on its effectiveness in modeling stellar convection. We discuss also a competing theory of convection known as the Full Spectrum of Turbulence model, and compare it with Mixing Length Theory. We consider some numerical procedures involved in the implementation of these theories.

Primary author: Mr MOONSAMY, Sashin (University of the Witwatersrand)

Co-authors: Dr ENGELBRECHT, Chris (University of Johannesburg); Dr FRESCURA, Fabio (University of the Witwatersrand)

Presenter: Mr MOONSAMY, Sashin (University of the Witwatersrand)

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