

Fizica Solara – Examen asistent cercetare

1. Notiuni generale de astronomie si astrofizica
 - Sisteme de coordonate
 - Diagrama Hertzsprung-Russell
2. Structura Soarelui
 - Interior
 - Fotosfera
 - Cromosfera
 - Coroana
3. Activitatea solara
 - Petele solare
 - Eruptiilor solare
 - Protuberantele solare
 - Ejectiile coronale de masa
 - Curentii coronali
 - Ciclicitatea
4. Observarea Soarelui
 - Instrumente folosite
 - Prelucrarea imaginilor

Bibliografie

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3. H.M. Antia A. Bhatnagar Peter Ulmschneider - Lectures on Solar Physics, 2008 - https://play.google.com/store/books/details/H_M_Antia_Lectures_on_Solar_Physics?id=O_RqCQAAQBAJ
4. C.R.Kitchin – Solar Observing Techniques, 2012 - https://play.google.com/store/books/details/C_R_Kitchin_Solar_Observing_Techniques?id=K_X2BwAAQBAJ&hl=en
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