

A New Introductory Book on Stellar Magnetic Activity

Gibor Basri, UC Berkeley (basri@berkeley.edu)

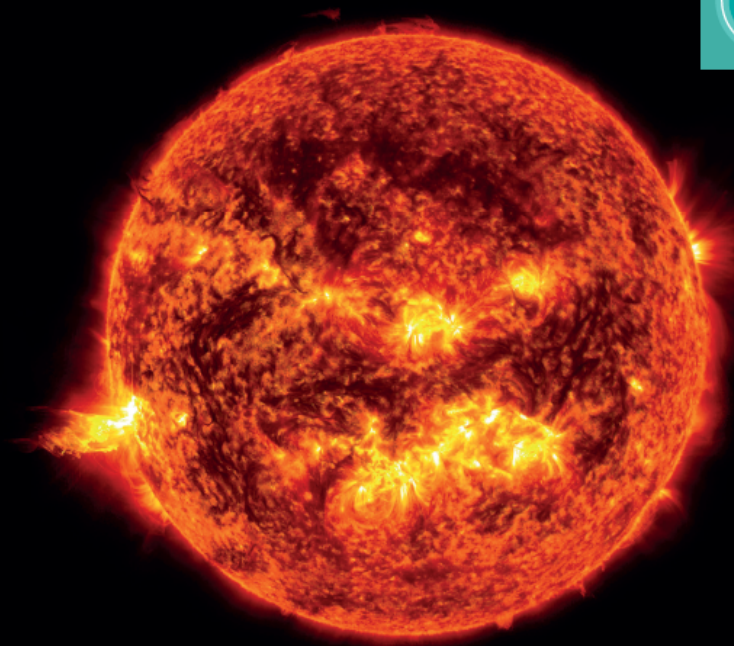
- ★ Comprehensive and Introductory
- ★ Concise summary of current knowledge
- ★ Written for advanced undergrad or above
- ★ Physics, observations, and history
- ★ Pointers to other reviews and details
- ★ 77 illustrative figures from papers (170 pages)
- ★ Atmospheric/active structures on stars
- ★ Variability, flares, and stellar outflows
- ★ Multi-wavelength spectral diagnostics
- ★ Multi-wavelength photometric diagnostics
- ★ Rotation-activity-age-mass relations
- ★ Direct detection of magnetic fields
- ★ Dynamo theory and magnetic cycles
- ★ Stars of all masses and ages
- ★ Pre- and post-main sequence stars
- ★ Appendix on LTE/NLTE radiative transfer

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An Introduction to Stellar Magnetic Activity

Gibor Basri

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Table of Contents

1 Introduction to the Magnetic Sun	1
2 Photospheres	6
2.1 Physical Structures in Photospheres	8
2.2 Starspot Light Curves	13
2.3 Doppler and Transit Imaging of Starspots	18
2.4 Spectroscopic Signatures of Starspots	21
3 Chromospheres	
3.1 Physical Structures in Chromospheres	24
3.2 Chromospheric Resonance Lines	28
3.3 H-alpha and Other Diagnostics	39
3.4 Semi-empirical Chromospheric Models	43
4 Transition Regions and Coronae	47
4.1 UV, FUV, EUV Spectra	48
4.2 Coronae	55
4.3 Flares	62
4.4 Stellar Winds	69
5 The Evolution of Stellar Activity	
5.1 Historical Introduction	75
5.2 Rotation-Activity Relations	78
5.3 Age-Activity Relations and Gyrochronology	83
6 Stellar Magnetic Fields	
6.1 Magnetic Dynamos	95
6.1.1 Stellar Cycles	99
6.2 Direct Measurement of Magnetic Fields	105
6.2.1 Zeeman Broadening in Stars	105
6.2.2 Magnetic Polarization in Stars	113
7 Stellar Magnetism In Other Contexts	
7.1 The Bottom of the Main Sequence (and below)	120
7.2 Pre-Main Sequence Stars	128
7.3 Post-Main Sequence Stars	132
7.4 Hot Main Sequence Stars	136
7.5 Effects of Stellar Activity on Exoplanets	140
Bibliography	145
Appendix Basic Concepts of Radiative Transfer	163
A.1 LTE Line Formation	166
A.2 NLTE Line Formation	170

<https://w.astro.berkeley.edu/~basri/StellMagActBookv1.pdf>