

## Subject Index

- A stars ..... 91, 743  
absolute magnitudes 26, 55, 75, 117  
abundances .1, 59, 63, 71, 178, 284,  
337, 480, 611  
accretion 37, 344, 435, 554, 646, 685,  
689  
Alfven radius ..... 324, 656  
Algol systems ..... 644  
angular diameter ..... 13, 129, 174  
anomalous line widths ..... 743  
atlas ..... 48  
atomic processes .. 83, 488, 492, 636
- Balmer progression ..... 531  
BCD classification . 55, 87, 330, 523  
Be binaries ..... 117, 577, 668, 689  
Be/shell stars ..... 566  
Be/X-ray binaries .... 422, 593, 709,  
713, 719, 723, 727, 731, 735,  
739  
B[e] stars . 26, 83, 87, 100, 384, 494,  
539, 626, 743  
B-Supergiants ..... 37  
binaries 208, 280, 324, 384, 464, 494,  
547, 573, 577, 581, 644, 689,  
693, 697, 701, 709, 713  
black holes ..... 689  
Brackett lines ... 156, 396, 468, 472,  
498  
bursts ..... 422, 569
- chromospheres ..... 103, 472, 607  
circulation currents ..... 337  
circumstellar activity ..... 550  
circumstellar dust 26, 108, 145, 344,  
484, 494, 743  
circumstellar envelopes ... 100, 108,  
145, 330, 344, 384, 448, 484,  
502, 506, 510, 523, 535, 539,  
543, 562, 573, 577, 597, 644,  
701, 727  
circumstellar temperature . 216, 535,  
603  
CLEANEST ..... 272, 276, 372  
clouds ... 1, 178, 220, 224, 292, 330,  
550
- cluster age ..... 59, 67  
continuum flux excess ..... 55, 502
- dimples ..... 292, 316, 348  
discrete absorption components . 91,  
96, 178, 212, 292  
disks (discs) 82, 108, 396, 409, 422,  
435, 452, 611, 689, 693, 719,  
743  
disk - accretion ..... 304, 644  
disk conditions ..... 518  
disk - decretion ..... 409, 435  
disk dynamics ..... 617, 713  
disk emission ..... 356, 422, 452  
disk growth ..... 422  
disk inflow ..... 611, 617  
disks - non-axisymmetric ..... 452  
disk oscillations .. 409, 422, 452, 531  
disk outflow ..... 611, 617  
disk radius ..... 527  
disk structure ..... 589, 593, 743  
disk temperature ..... 603  
disks - wind-compressed .. 435, 621,  
743  
Doppler Imaging ..... 264, 268  
dynamo ..... 103, 304, 337, 611
- early-type stars ... 37, 334, 337, 597,  
626, 709, 713  
energy distribution ..... 506  
 $\lambda$  Eri stars ..... 1, 252  
stellar evolution ... 63, 75, 284, 494,  
581, 611, 685, 689, 693, 709
- FeII emission lines ..... 523  
flares ..... 1, 292, 304  
fundamental parameters ..... 13, 87  
GI2T ..... 129, 170, 174  
GAIA ..... 117
- helium line emission ..... 640  
Herbig Ae/Be stars ..... 26, 103,  
108, 384  
Heros ..... 228, 232, 244, 356, 581  
high velocity absorption 37, 272, 292

- Hipparcos . 13, 37, 55, 117, 170, 192,  
208, 228, 256, 260, 272, 280,  
348, 422, 535, 668, 743
- hydrodynamics .. 435, 626, 636, 697
- infrared excess.....113, 484, 656
- infrared photometry.....727
- infrared spectroscopy ..... 145, 468,  
476, 480, 498, 636, 743
- initial mass function..... 51
- interferometry....13, 129, 141, 170,  
174, 384, 452, 697, 731, 743
- Ionization structure ..... 632
- ISO ..... 145
- isochrones ..... 59, 67
- IUE96, 192, 212, 216, 284, 292, 324,  
352, 375, 535, 547, 573, 743
- jet-like structures103, 170, 304, 324,  
435, 464, 573, 644, 668, 697
- line formation ... 396, 527, 577, 640
- line-profile variations ... 1, 220, 236,  
248, 252, 260, 272, 284, 288,  
292, 364, 372, 543, 550, 554
- luminous blue variables.....100
- M dwarfs.....141
- Magellanic Clouds . 75, 79, 656, 681
- magnetic fields ..... 1, 37,  
91, 103, 156, 174, 216, 220,  
236, 264, 292, 304, 316, 324,  
334, 337, 344, 356, 384, 409,  
422, 585, 611, 723, 743
- mass loss...1, 37, 91, 103, 344, 375,  
573, 632, 743
- MHD models.....611
- MkIII.....129
- Monte Carlo384, 452, 460, 464, 506,  
603, 632, 689
- multiperiodicity ... 1, 178, 192, 205,  
220, 224, 228, 240, 248, 256,  
264, 276, 356, 364, 550, 581,  
743
- multiple Be stars ..... 170, 543
- MuSiCos ..... 364, 372
- neutron stars ... 65, 668, 681, 685,  
689, 693, 709, 713, 723, 739
- NLTE models 26, 607, 626, 632, 705
- nonradial pulsations . 156, 178, 205,  
220, 224, 228, 232, 236, 240,  
244, 248, 252, 256, 260, 264,  
268, 272, 284, 288, 356, 364,  
372, 375, 550
- Oe stars.....13, 51, 316, 384, 743
- open clusters .. 1, 13, 59, 63, 67, 71,  
117, 208
- outbursts...178, 212, 232, 256, 348,  
356, 448
- Paschen continuum 83, 87, 292, 396,  
448, 510
- Paschen discontinuity.....452, 480
- Paschen lines356, 468, 472, 480, 719
- periodic variations .1, 220, 236, 240,  
356
- phase changes .....558
- photometry...63, 67, 192, 205, 208,  
280, 330, 348, 364, 448, 484,  
494, 554, 569, 589, 585, 735,  
743
- photospheric activity . 292, 375, 743
- polarimetry .. 48, 384, 464, 603, 743
- polarization ..... 174, 316, 452,  
460, 464, 701
- pre-main sequence stars 26, 87, 108,  
344, 484
- proto-planetary nebula ..... 26
- pulsars 589, 656, 681, 709, 713, 723,  
739
- pulsation ..... 1, 37, 216, 276, 324
- r-modes ..... 252, 334
- radiative transfer .... 113, 396, 597,  
607, 640
- radio continuum.....731
- Roche lobe overflow .. 668, 685, 689,  
693
- rotation .... 1, 37, 91, 103, 117, 205,  
220, 236, 352, 527, 611, 626,  
632, 640, 743
- shell lines . 356, 396, 422, 480, 514,  
518, 528, 527, 531, 539, 543,  
547, 558, 562, 644, 668, 743
- shock waves ..... 156, 212, 292, 448
- spectrophotometry...108, 216, 384,  
514, 510, 603

- spin periodicities . 656, 719, 723, 739  
 stellar evolution ... 63, 75, 284, 494,  
     581, 611, 685, 689, 693, 709  
 stellar winds ..... 26,  
     96, 100, 156, 324, 337, 344,  
     375, 396, 435, 448, 498, 518,  
     569, 597, 621, 636, 685, 743  
 stellar wind instability ..... 621  
 stellar wind variability ..... 212  
 subdwarfs ..... 668  
  
 ultraviolet ... 91, 96, 212, 216, 324,  
 375, 375, 384, 547, 743  
 V/R variations ... 91, 178, 236, 240,  
     244, 256, 260, 272, 356, 384,  
     396, 409, 422, 435, 452, 460,  
     514, 518, 531, 539, 547, 558,  
     562, 566, 589, 593, 597, 719,  
     735, 743  
  
 W Ser systems ..... 644, 668  
 wave leakage ..... 288  
 wind clumping 91, 156, 337, 435, 621  
 winebottle shape ..... 396  
 white dwarfs 178, 656, 668, 693, 705  
 Wolf-Rayet stars ..... 141, 384, 689  
  
 X-ray/optical/IR emission ..... 681,  
     739, 743  
 X-ray binaries ... 422, 569, 585, 589,  
     644, 656, 668, 681, 685, 719,  
     727, 731, 735, 743  
 X-ray bursts ..... 713  
 X-ray emission ..... 1, 156, 292, 352  
 X-ray flares ..... 156, 292, 352  
 X-ray transients . 569, 585, 681, 685,  
     689, 739  
  
 Z-bump  $\kappa$  mechanism ..... 284  
 Zanstra mechanism ..... 292