Global oscillation modes in the evolving disk of B emission stars

Finny Oktariani, Hokkaido University

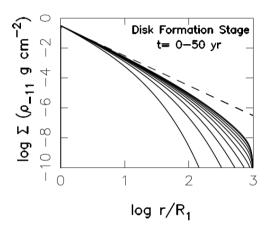
B emission (Be) stars : Show Balmer lines in emission.

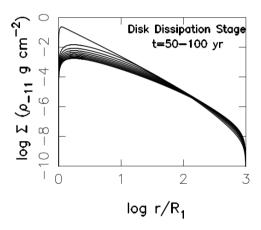
Emission lines → cool circumstellar disk

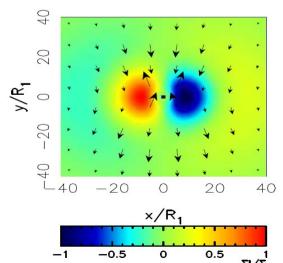
V/R variations: line profile variability caused by global disk oscillation (m=1) mode with period about several years.

More remarkable variability in disk formation stage than in disk dissipation stage.

Evolving disk:







See poster for more details