

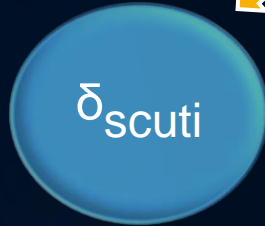
γ Dor /Hybrid Pulsations in *Kepler* Eclipsing Binary Systems

LAMOST



γ_{Dor}

+



δ_{scuti}

+



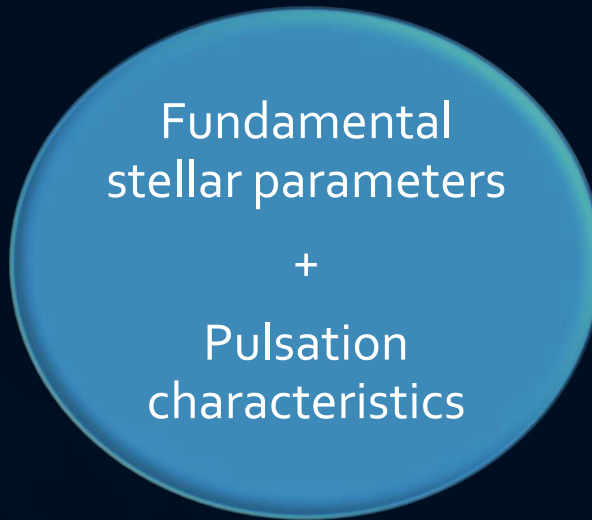
Eclipsing
binaries

+



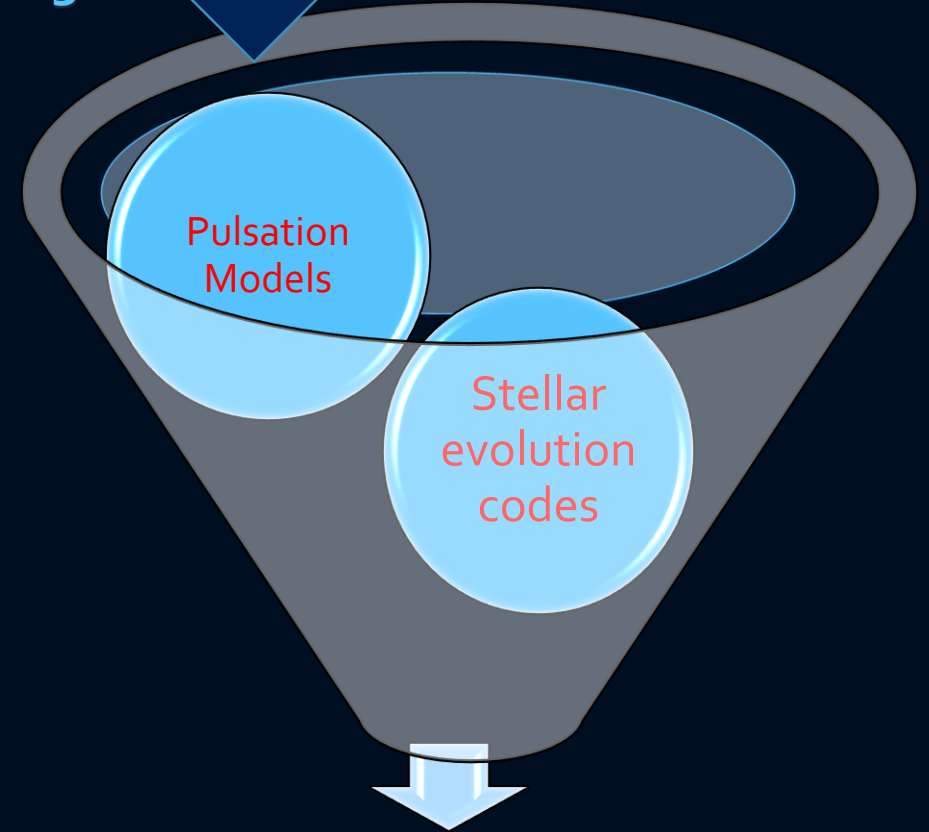
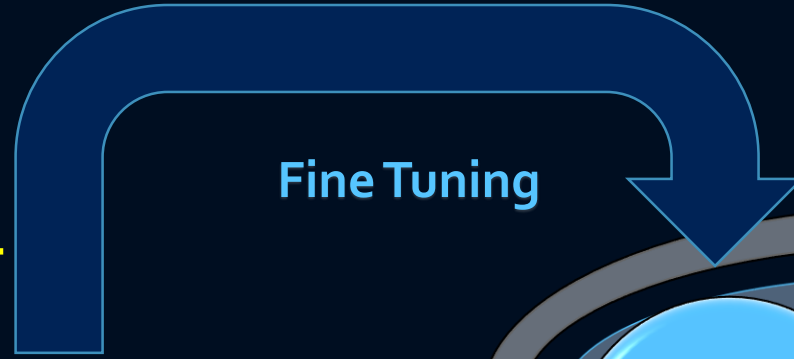
SB2 /SB
Binaries

LAMOST



Fundamental
stellar parameters
+
Pulsation
characteristics

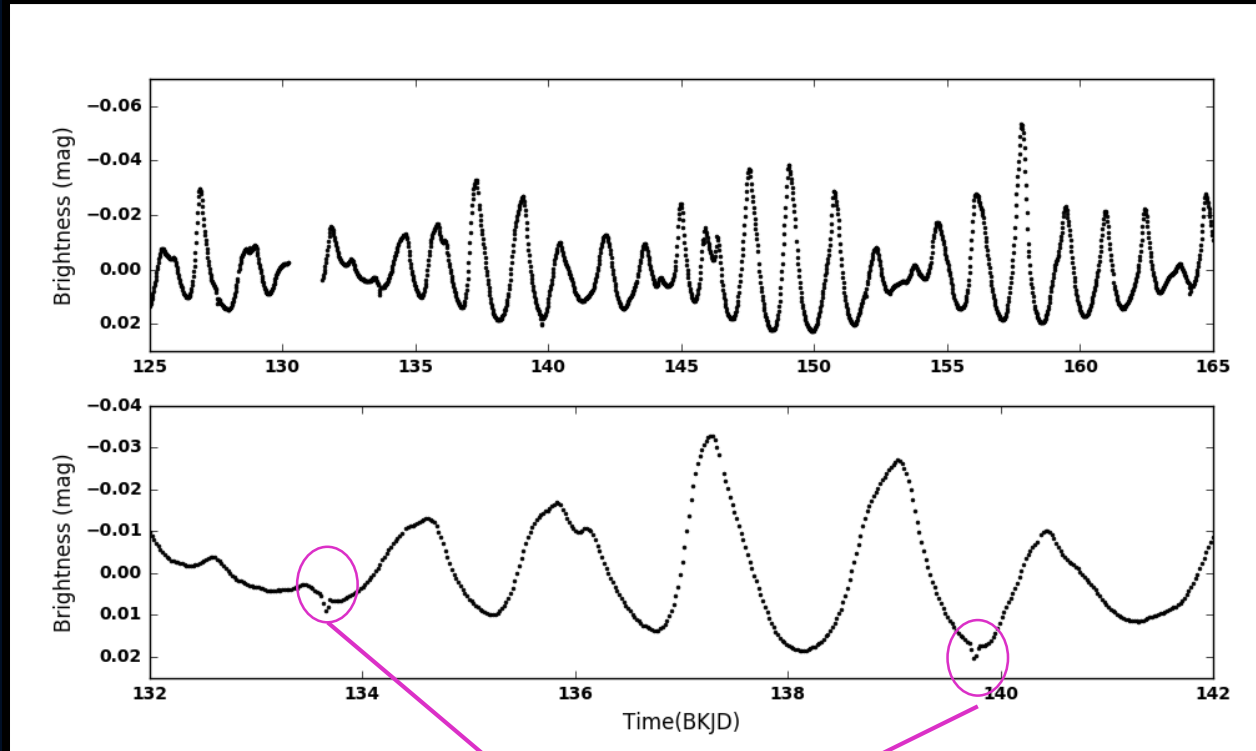
Fine Tuning



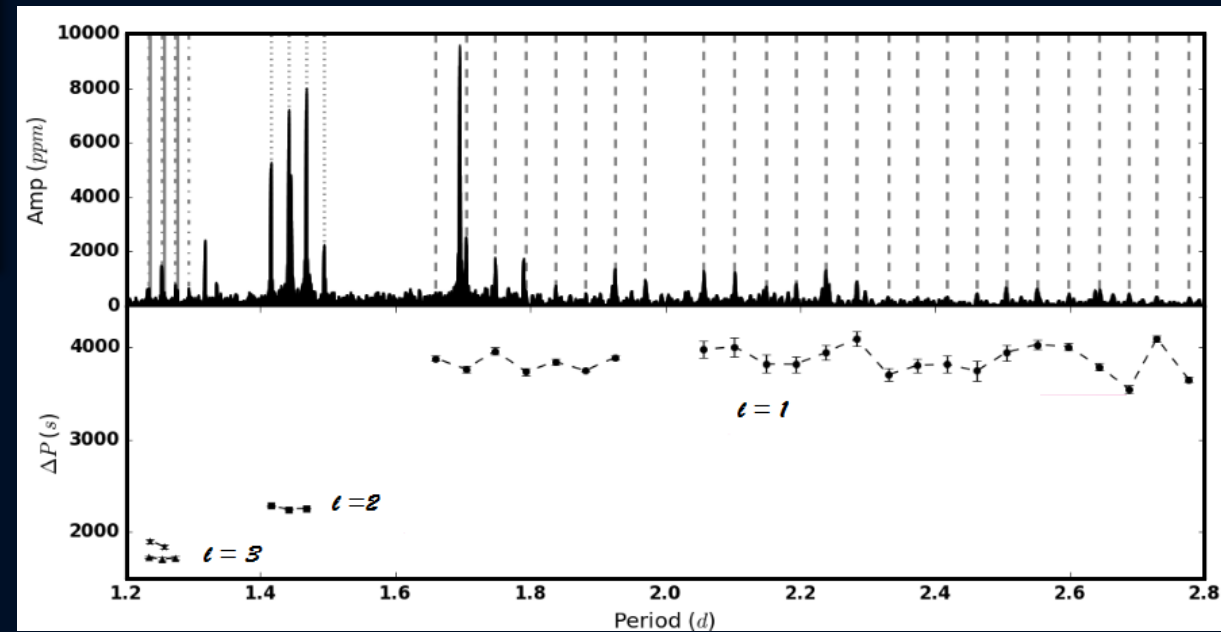
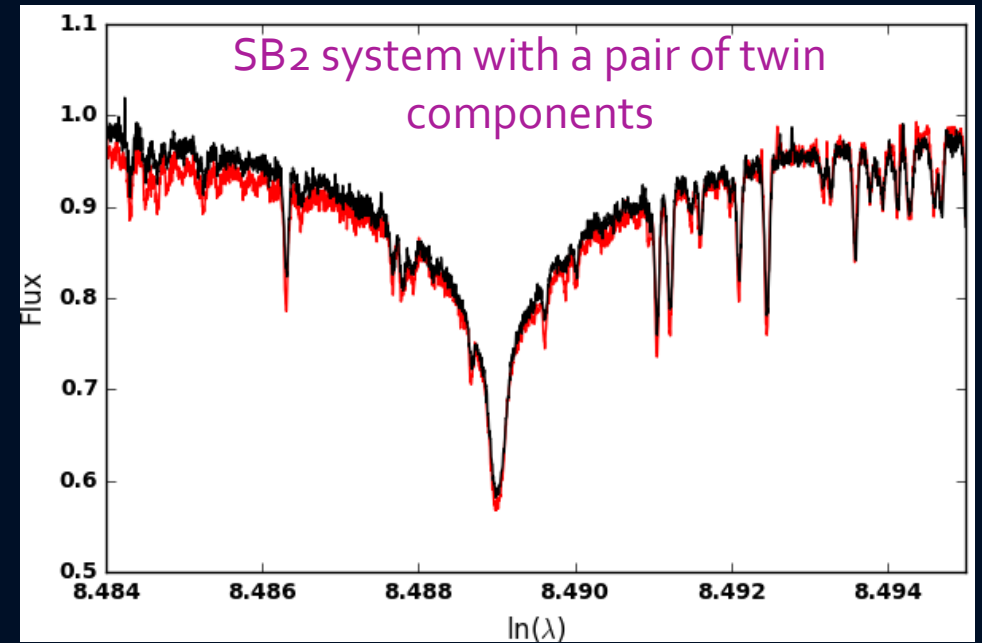
**Well defined model from
the interior stellar profile**

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Samadi.Aunia@tabrizu.ac.ir

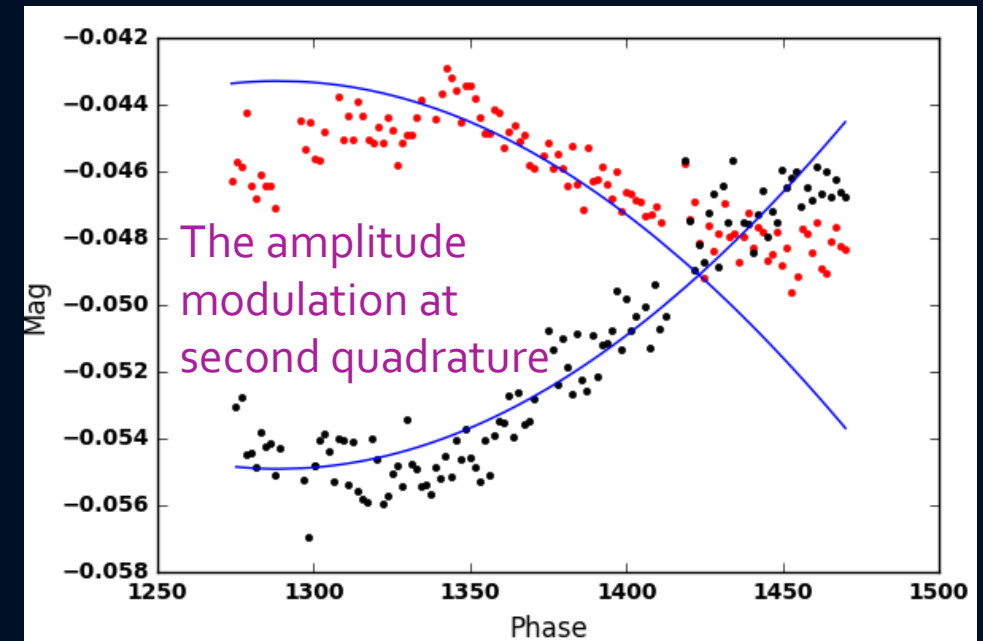
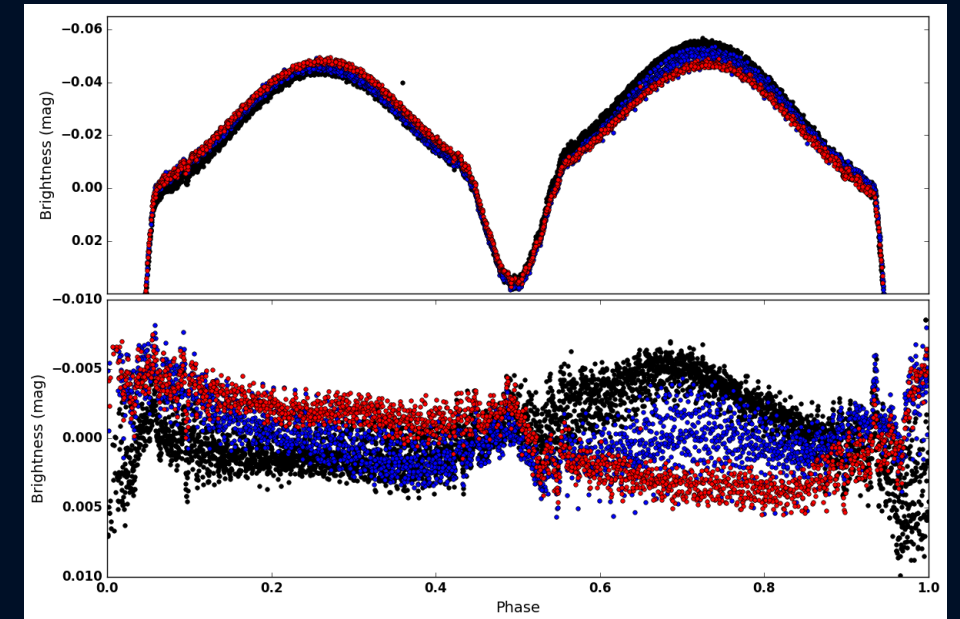
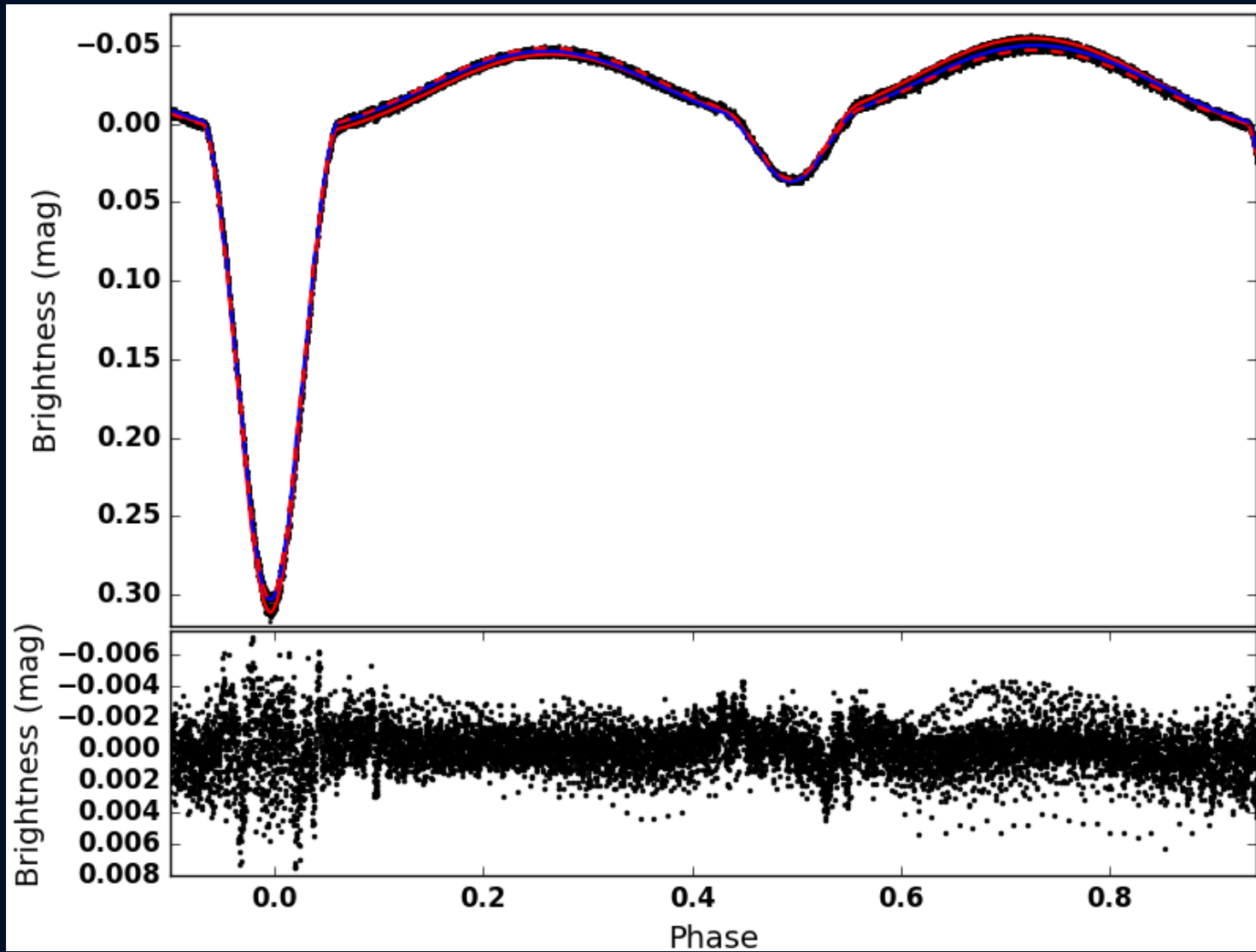
- Systems which one eclipse is observable in their light curve



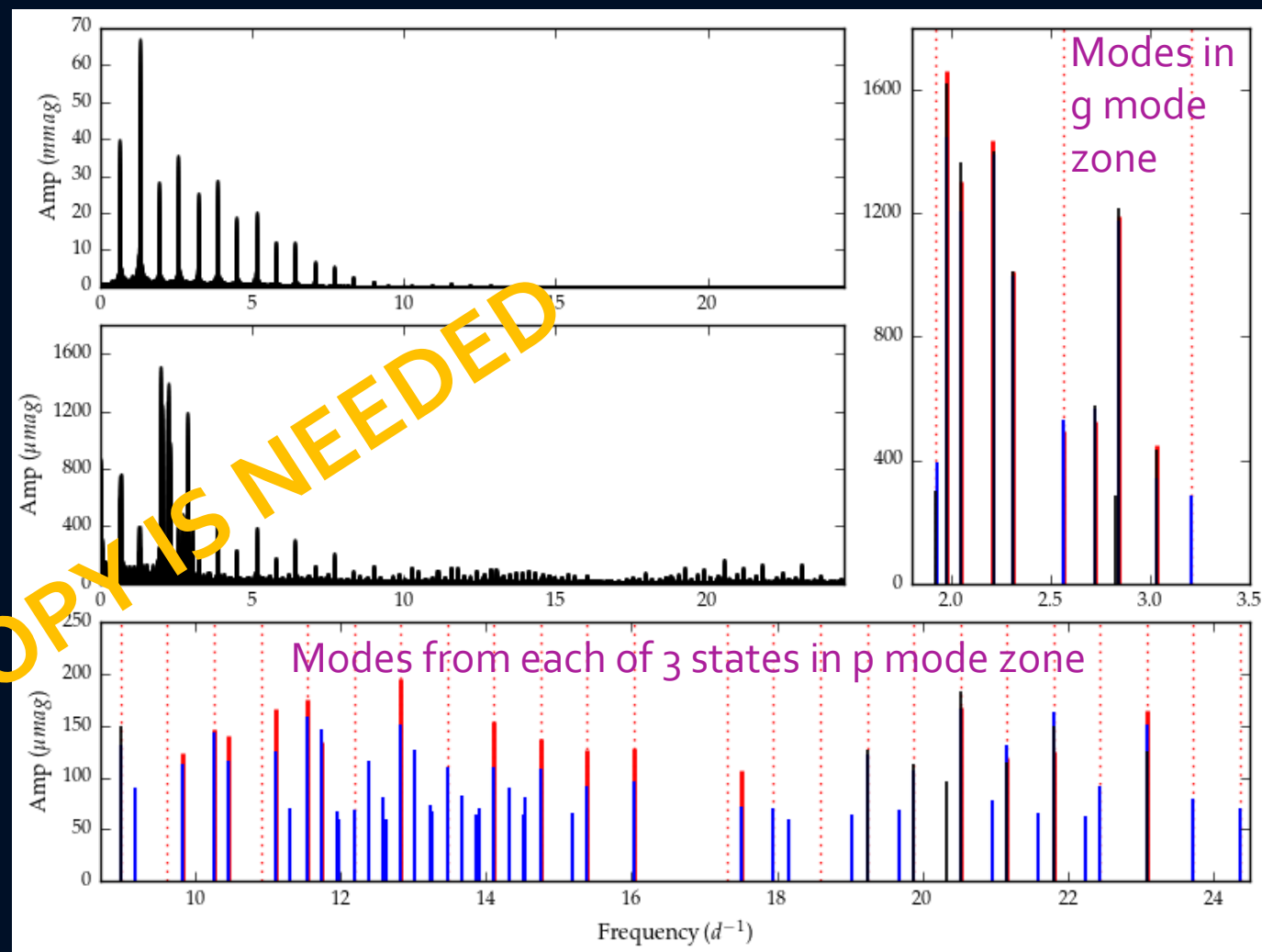
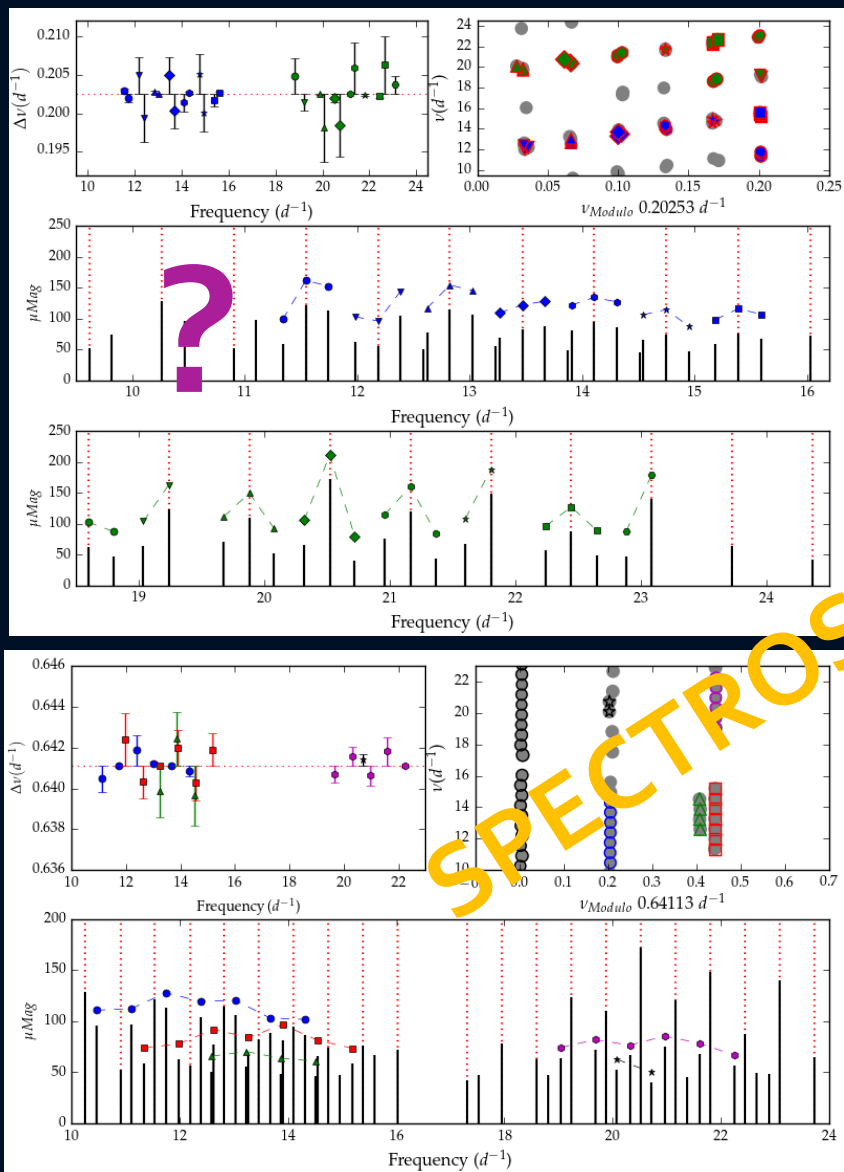
The eclipse depth is not comparable with the amplitude of the pulsations!!



- Systems with special features like long term magnetic activity cycles



Does the magnetic activity of the non pulsating star can influence the pulsations of the other components?!!



RED: Cycles of LOW spot activity
BLUE: Cycles with MEDIUM spot activity
Black: cycles with HIGH Magnetic activity