## GKNS Pulsations of A stars

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The wide variety of physical phenomena encountered in A-star atmospheres provides a richness not encountered in any other part of the HR diagram. The complexities of pulsations in roAp stars and how they can probe the magnetic field and atmospheric structure is discussed. Pulsational probing of the atmospheres of these stars has yielded valuable information, but the promise of obtaining a wealth of physical parameters from asteroseismology has not yet materialized except in white dwarfs and solar-type stars. However, new ground-based observations of  $\delta$  Sct stars are steadily revealing more and more frequencies which help to constrain the models. Observations from the MOST spacecraft will certainly be crucial to progress in this field.

Other types of pulsating stars included in this review are the  $\lambda$  Bootis, Am stars, pre-main sequence pulsating A stars and the  $\alpha$  Cygni stars (pulsating A supergiants). Population II pulsating A stars such as SX Phe (blue stragglers) and RR Lyraes are also discussed. Of particular interest is recent progress towards understanding the Blazhko effect in RR Lyraes.