F IL1 Observations of magnetic CP stars

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The main results inferred from last decade photometric and spectroscopic observations of magnetic CP stars are discussed. Hipparcos parallaxes confirm evolutionary status of CP stars as Main Sequence stars. Photometric monitoring of the rapidly rotating stars provides evidences for the rotational braking on the main sequence. High spectral and time-resolution spectroscopic observations give strong support for the chemical separation processes operating in stellar atmospheres (abundance stratification). There are also observational evidences for the departure of the temperature structure of cool CP star atmosphere from that for normal stars. The needs for accurate atomic data and new generation atmospheric models in the analysis of the modern spectroscopic observations are briefly discussed.