## POSTERS

## Synthetic Colors of Carbon Stars

## WALTER WINDSTEIG, ERNST A. DORFI, SUSANNE HÖFNER, JOSEF HRON, and FRANZ KERSCHBAUM

Institut für Astronomie der Universität Wien, Vienna, Austria

We have calculated a number of synthetic colors and the spectral energy distributions of C-rich circumstellar envelopes of pulsating AGB stars. From the frequency-dependent radiative transfer calculations we obtain the paths within the IRAS two-color diagrams as well as the profiles of various CO lines during the pulsational cycle. These theoretical results are also compared to ground-based and IRAS observations.

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