

Modelling IR Spectra of OH/IR Stars at Different Phases

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We investigate the spectral energy distributions of OH/IR stars at different phases including new ISO observations. The deep silicate absorption features show significant variations depending on the pulsation phase. The variation is mainly due to physical changes in the dust envelopes around OH/IR stars. Comparing the results of detailed radiative model calculations, we derive relevant parameters of the dust envelopes and the central stars.