

## Spectroscopy and Photometry of the Southern R Stars

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UBVRI photometry and 1-2Å resolution spectra have been used to classify 85 stars listed as type R by various authors. Some are N stars, including a few characterized by strong NaD, weak C<sub>2</sub> and enhanced <sup>13</sup>C which are distinct from the cooler counterparts of the strong-banded <sup>13</sup>C rich stars which are the most numerous of the R stars. The latter are also distinguished from non-<sup>13</sup>C rich stars by having redder V-I at given B-V in the bifurcated distribution in the B-V, V-I diagram.