

Spectroscopic observations of R Canis Majorids

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Spectroscopic observations of the eclipsing binary R CMa were made, with the ISIS spectroscope and Thomson CCD attached to the 2.16-meter reflector at Xinglong station of Beijing Observatory in China, during January 13-17, 1993. A total of 19 plates for H-alpha line were secured and reduced with the IRAF for radial velocity curve. New radial velocity curve has been analyzed with collected light curves by the Wilson and Devinney code for simultaneous solutions. Mass ratio and Roche configuration of R CMa have been discussed. The absolute dimensions have been calculated from the simultaneous solutions.