
Corot 310266512: A Light Curve With Primary, Secondary and Tertiary Eclipses.

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Abstract

We present the photometric study of an interesting target in the CoRoT exoplanet field LRC03: CoRoT 310266512. Its light curve presents primary, secondary and tertiary eclipses, which suggests the presence of at least three celestial bodies. The primary and secondary eclipses have the same period, 7.42d, and the tertiary eclipse has a period of 3.27d. Two of tertiary eclipses fall within a primary eclipse and a secondary eclipse. These two blending events provide additional information on the nature of the system.

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