

Light Curve Analysis of CW Cephei

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The *UBV* observations of the close eclipsing binary system CW Cephei (HD 218066, Sp=B0.6+B0.7, P=2.^d729), which is well known of its apsidal motion, were made from August 1983 to December 1984 during 25 nights using the 61cm reflector at the Sobaeksan Astronomy Observatory. A total of 1,789 observations in three colors were obtained. The obtained *UBV* light curves as shown in Figure 1 were well defined in all phases and analyzed with the Wilson-Devinney binary model. The deduced photometric solution is discussed, compared to those of previous investigators.

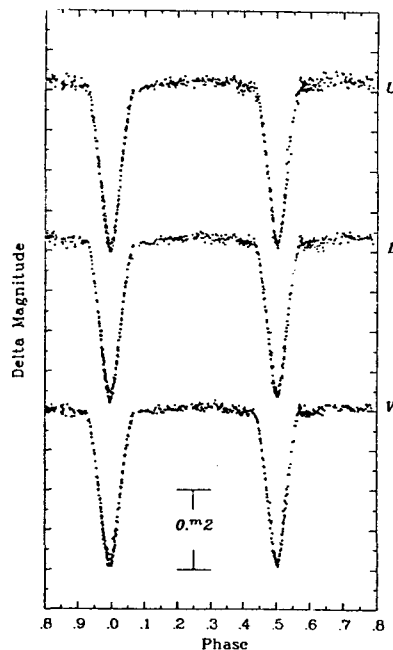


Figure 1. *UBV* light curves of CW Cephei.