

ON THE PHASES OF PERIOD VARIATION OF SS 433

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In a previous paper (Luo, 1986), we have improved the method by Katz (1982) and Fan et al (1983). We have also found some important features in a ring model with precession and nodding motion, i.e., all the higher periodical components contain the ones with $n = 1, 2, 3$. So we can call T_1, T_2 , and T_3 fundamental periods.

Recently, Fan and Li (1983) calculated the short period variations in SS 433 using a ring model with precession and nodding motion, then compared it with the observed results given by Mammano (1982).

In this paper, we dealt with the same topic using the method by Luo (1986), some observed values given by Newsom and Collins (1982), and Mammano (1982).

It can be seen that the theoretical results are coincident with the observed ones well, therefore, it seems that the ring model with precession and nodding motion is reasonable,

References

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