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1 E0630+178 was the target of a 64,000 sec EXOSAT observation on March 17-18, 1985. The 1200 photons recorded were folded around the value predicted by previous Einstein ' 79 , ' 81 and EXOSAT ' 83 data. The region between 60.20 and 60.35 sec . was searched with independent steps of 0.005 sec, computed according to the relation :
step $=$ (period) $2 /$ observations length/number of bins in the light curve. A reduced $X^{2}$ of 3.85 ( $9 \mathrm{~d} .0 . f$. ) was found for 60.285 sec . The data were then djvided into five segments and the same search was performed yielding for the third segment a red. $\chi^{2}$ of 4.33. Moreover, the a posteriori periodogram shows also the presence of harmonics at 30.14 and 15.07 (see figure) wich appear to be even more significant (red. $X^{2}$ of 5.06 and 4.37 , respectively) than the effect at 60.28.

D. J. Helfand and J.-H. Huang (eds.), The Origin and Evolution of Neutron Stars, 545.
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