

PROPERTIES OF OSCILLATING CORONAL LOOPS AS VIEWED BY HINODE X-RAY TELESCOPE

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We use high-cadence observations collected by the X-Ray Telescope on Hinode at the end of 2006 and beginning of 2007 to study some physical properties of coronal loop oscillations. We will show the results for transverse velocity of the flowing gas, as well as lifetime and frequency of the oscillations. We will compare the results of these observations with simple field configuration models and estimates of the goodness of the model choice will be made.