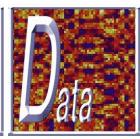




ASTROPHYSICS SEMINAR









Tuesday, 19 April 2005 at 11:00

Disk Instabilities in X-ray Binaries

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Abstract. Accretion disks exist on a wide variety of mass scales, from Young Stellar Objects (YSO) to Active Galactic Nuclei (AGN). These objects are also known to emit jets, therefore linking accretion to ejection. X-ray binaries offer a unique opportunity to tackle the problem through the Quasi-Periodic Oscillation (QPO) observed in the X-ray spectrums of such objects. I will present some analytical and numerical studies of accretion disk instabilities and how they can be related to observations.