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Recent publications of interest for amateur spectroscopy N° 2011-2 2011 September

Be Stars

Optical spectroscopy of Classical Be stars in open clusters

<http://arxiv.org/abs/1108.5850>

The Temperature Structure of Be Star Disks in the Small Magellanic Cloud

<http://arxiv.org/abs/1110.0547>

Hot Stars

The H-alpha Variations of the Luminous Blue Variable P Cygni: Discrete Absorption Components and the Short S Doradus Phase

<http://arxiv.org/abs/1101.4319>

Spectroscopy and Interferometry of Luminous Blue Variables

<http://arxiv.org/abs/1109.6905>

Mira Stars

Shock-Induced Polarized Hydrogen Emission Lines in the Mira Star omicron Ceti

<http://arxiv.org/abs/1109.6500>

RR Lyrae Stars

The Chemical Compositions of Variable Field Horizontal Branch Stars: RR Lyrae Stars

<http://arxiv.org/abs/1110.0548>

Eruptive Stars

DASCH J075731.1+201735: Discovery of A Peculiar Slow Nova in A Peculiar Symbiotic Binary

<http://arxiv.org/abs/1110.0019>

Formation of neutral disk-like zone around the active hot stars in symbiotic binaries

<http://arxiv.org/abs/1109.4779>

Creation of neutral disks during outbursts of symbiotic binaries

<http://arxiv.org/abs/1106.2420>

Novae

Modeling the 2010 blast wave of the symbiotic-like nova V407 Cygni

<http://arxiv.org/abs/1109.5024>

The 2011 Eruption of the Recurrent Nova T Pyxidis; the Discovery, the Pre-eruption Rise, the Pre-eruption Orbital Period, and the Reason for the Long Delay

<http://arxiv.org/abs/1109.0065>

The spectroscopic evolution of the recurrent nova T Pyxidis during its 2011 outburst I. The optically thick phase and the origin of moving lines in novae

<http://arxiv.org/abs/1108.3505>

Supernovae

Tidally enhanced stellar wind: a way to make the symbiotic channel to Type Ia supernova viable

<http://arxiv.org/abs/1106.1252>

Title: Novae and accreting white dwarfs as progenitors of Type Ia supernovae

<http://arxiv.org/abs/1110.0055>

Measuring Expansion Velocities in Type II-P Supernovae

<http://arxiv.org/abs/1109.5873>

The core-degenerate scenario for type Ia supernovae

<http://arxiv.org/abs/1109.4652>

Title: Novae and accreting white dwarfs as progenitors of Type Ia supernovae

<http://arxiv.org/abs/1110.0055>

Connecting Recurrent Novae to [some] Type Ia Supernovae

<http://arxiv.org/abs/1109.5799>

A study of the color diversity around maximum light in Type Ia supernovae

<http://arxiv.org/abs/1110.0480>

A Re-interpretation of Historical References to the Supernova of 1054 AD

<http://arxiv.org/abs/astro-ph/9904285>

Spectrographs

Title: The Cosmic Origins Spectrograph

<http://arxiv.org/abs/1110.0462>