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Mini-MegaTORTORA-multichannel system for wide-field optical monitoring with high temporal resolution

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Abstract

We report on a multi-objective and transforming 9-channel monitoring system, the Mini-MegaTORTORA (MMT-9). This system combines a wide field of view with a subsecond temporal resolution in the monitoring regime, and is able to reconfiguring itself, in fractions of a second, to a follow up mode which has better sensitivity and provides us with multi-color and polarimetric information on detected transients simultaneously.

Keywords

Instrumentation: photometers, Instrumentation: polarimeters, Techniques: high temporal resolution