
Investigating Exoplanet Dynamics through Transit Timing Variations

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A network of telescopes in Crimea, Israel, Thailand, China, India, U.S. was employed to monitor exoplanet transit events in order to explore transit timing variations. In addition to reviewing the construction and status of this project, our results revealing the orbital evolution of hot Jupiters and the possible existence of additional planets will be presented. Moreover, the preliminary results of our on-going project which combines ground-based data with TESS, and upcoming data of our approved CHEOPS proposal will also be discussed.