

Distributions of spin/shape parameters of asteroid families and targeted photometry by ProjectSoft robotic observatory



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Figure 1: An example of the Flora family spin-orbital evolution; (a) the observed proper semimajor axis a_p vs the absolute magnitude H; (b) a_{p} vs pole latitude β , with sizes D denotes by symbols; (c) the same for a simulation of large asteroids (D > 30 km); and (d) small asteroids. Finally, (e) a sort of χ^2 metric vs time t.

Figure 3: An optimisation of the alt-azimuth mount during the development phase. The final mount equipped with Officina Stellare RiLA 600 f/5 reflector and a sensitive CCD camera (E2V chip 42-20-BI, >90% QE, FOV 0.52 deg). The complete autonomous observatory is now located in Ondřejov, Czech Republic. The first-light image (M31)!



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