

# **The photographically observed meteors of (Pegasids?) stream associated with comet 18P/Perrine-Mrkos**

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Studying the dynamics of individual particles of a modelled meteor stream associated with comet 18P/Perrine-Mrkos on the basis of gravitational action exclusively, it is possible to reveal an actually existing, low numbered, diffuse stream of this comet. The meteors of the stream can be distinguished comparing, in appropriate moments, the orbits of modelled particles with the orbits of photographically observed meteors, which are contained in the catalogue of the IAU Meteor Data Center in Lund. The characteristics of found stream is similar to that of the Pegasids stream, but the undoubted identification of both streams is still questionable. A transparent difference is in the position of mean radiant of found stream, which is situated not in Pegasus, but in constellation Cygnus, near star  $\tau$  Cyg.