

4-D calculation of prediction of Perseid

*Isao Sato¹, Yushi Imamura¹, Shinsuke Abe¹

1.Nihon University

Dust trail theory at present is under the hypothesis that meteoroids have been ejected at the perihelion of the orbit of the parent body of the meteors. However, the meteoroids colliding to the earth have been ejected not at the perihelion but some point on the orbit of the parent body. We reveal that when and where the meteoroids have been ejected on the orbit of the parent body with 3-D velocity vector.

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