

## **The asteroids associated with meteor showers**

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The comets and asteroids are considered as the origin of meteor showers. The new paradigm of “active asteroids” opens up a large field of investigation regarding the relationships between asteroids and meteors. The distribution of the orbit parameters of asteroids that are associated with meteoroids, meteor showers is presented and compared with the distribution of asteroids approaching with the Earth. A statistical regularity in the parameters of such asteroids was analyzed. The revealed patterns can be used for finding new large space bodies (meteoroids) in meteor showers and searching for possible parent bodies.