

Resource: Pairs

Compilation of reported pairs of asteroids.

For each pair, the identification of the largest SSO, the identification of the paired (smaller) SSO, the distance between their orbit ([Vokrouhlicky & Nesvorny 2008](#)) and the expected age of separation are listed.

Description of columns

Column	Type	Description
<code>num_main</code>	int	Largest member IAU Number if available
<code>name_main</code>	str	Largest member name or designation
<code>num_sibbling</code>	int	Second member IAU Number if available
<code>name_sibbling</code>	str	Second member name or designation
<code>distance</code>	float	“Distance” between the orbit (km/s)
<code>age</code>	float	Expected age of the pair (ky), aka split up time
<code>dage_up</code>	float	Upper uncertainty on the age (ky)
<code>dage_low</code>	float	Lower uncertainty on the age (ky)
<code>selection</code>	int	Flag for selection (black list, neutral, forced: -1/0/1)
<code>iddataset</code>	int	Unique dataset identifier from the source.ods file

Methods

The method is specified for an entire file in the `sources.ods`. So far, only [HCM](#) (Hierarchical Clustering Method) has been used.