

Membership determination of Open Clusters with *CLUSTERIX*

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Abstract

The web-based application Clusterix has been developed as a collaboration between the Masaryk University (Czech Republic) and the Universitat de Barcelona (Spain) to calculate the membership probability of open clusters on the WEBDA database using a completely non parametric method[1, 2]. WEBDA[3] is a site devoted to observational data on stars in Galactic open clusters (<http://webda.physics.muni.cz>). Clusterix is an interactive tool where the user can define the default values to configure the membership estimation for the area of a cluster. Gaia's capabilities to study the kinematics of clusters of stars with great accuracy is one of the main motivations for the development of this tool. The applet first version can be found at: <http://clusterix.cerit-sc.cz/>

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References

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