Open Cluster @Solar Neighborhood (OCSN)



Speaker: Songmei Qin (秦松梅)

Open Cluster @Solar Neighborhood (OCSN) Results: 324 clusters 223 reported clusters, 101 new clusters, increased by about 1. Comparison with reported clusters, associations, moving groups. 15.0 OC_flag=2 OC_flag=3 10^{3} 12.5 2. Cluster and member catalog within 500 pc: 10.0 • Mean $l, b, \overline{\omega}, \mu_{\alpha}^*, \mu_{\delta}, rv;$ $r_{\rm h}$ (pc) 7.5 \mathbf{Z} 10^{2} • Age, ebv, m-M \longrightarrow isochrone fitting; 5.0 2.5 \circ Structural parameters \longrightarrow two-component model fitting. 0.0 10¹ 3. Binary clusters: 19 pairs and 3 triple systems. 10^{2} 10^{3} 10^{1} N_ref





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