

A CATALOGUE OF GALAXY CLUSTERS AND
GROUPS AS BASE FOR NEW GALAXY
SUPERCLUSTER CATALOGUE

E. Panko^{1,2}

¹*Odessa National University, Odessa, Ukraine*

²*Astronomical Observatory of Nikolaev State University*

The galaxy superclusters are largest structures in Universe. Their distribution reflects the largest initial density perturbations of a characteristic scale of 100 h⁻¹ Mpc. The galaxy supercluster catalogues based on ACO galaxy clusters catalogue (Abell, Corwin & Olowin, 1989) were created by Zucca, E. et al. (1993), Einasto et al. (1997). Einasto et al. (2008) used APM galaxy clusters catalogue (Dalton et al., 1997) for supercluster search too. We discuss a possibility of creation of galaxy superclusters catalogue using another observational data: "A Catalogue of Galaxy Clusters and Groups" based on the Muenster Red Sky Survey (Panko & Flin, 2006) based on galaxy catalogue of Muenster Red Sky Survey (Ungruhe, Seitter, & Duerbeck, 2003).

Subject headings: galaxies clusters and groups;
distances: supercluster

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