

Janusz J. Charatonik, Włodzimierz J. Charatonik
Monotone homogeneity of dendrites

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Abstract: Sufficient as well as necessary conditions are studied for a dendrite or a dendroid to be homogeneous with respect to monotone mappings. The obtained results extend ones due to H. Kato and the first named author. A number of open problems are asked.

Keywords: confluent, dendrite, dendroid, homeomorphism, homogeneous, mapping, monotone, order of a point, ramification, standard, universal

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