1021-03-37   **Robert I. Soare*** (`soare@uchicago.edu`), 5734 University Avenue, Chicago, IL 60637. *Degrees of Homogeneous Models.* Preliminary report.

Vaught [1961] defined a model to be homogeneous if every finite elementary map can be extended to an automorphism. Goncharov and Peretyatkin found a criterion for a homogeneous model with all types uniformly effectively presented to have a dedicable copy. A number of results by researchers at The University of Chicago considerably improve these results in the positive and negative direction. We shall describe some of them. (Received August 02, 2006)

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