

# THE STRUCTURE OF SIMILARITY HOMOGENEOUS LOCALLY COMPACT SPACES WITH AN INTRINSIC METRIC

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We study locally compact spaces with an intrinsic metric such that the group of metric similarities is transitive and the group of isometries is not transitive. We confirm Berestovskii's conjecture on the structure of such spaces.

*Key words and phrases:* similarity homogeneous space, group of similarities, conformally equivalent space, homogeneous space, group of isometries, intrinsic metric, Busemann metric.

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