



**REFINED DISTRIBUTION CLASS AND SPECTRAL
CLASS OF SELF-SIMILAR SET**

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Abstract

In this paper, we study the properties of distribution class and spectral class for a self-similar set and give a defined decomposition of spectral class generated by lower (upper) local dimension of a self-similar measure on a self-similar set.

Keywords and phrases: self-similar set, Hausdorff dimension, distribution set.

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