

Trace Theorems on Scale Irregular Fractals

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Abstract. "Scale irregular fractals" are irregular objects that exhibit some fractal properties but do not satisfy any exact scaling relation.

In this chapter, we state some trace results on "scale irregular fractals" and on prefractal structures approximating the limit objects.

These results are crucial tools in the study of the asymptotic convergence of energy forms defined on prefractal structures approximating the "scale irregular fractals".