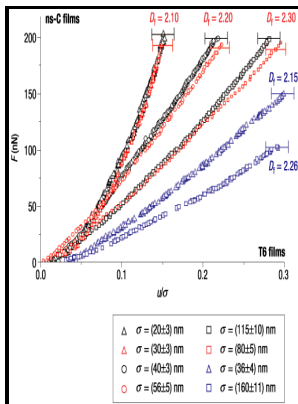


# Statistical mechanics and fractals

Springer-Verlag - The maximum entropy principle and the nature of fractals



Description: -

- Fractals.

Statistical mechanics. Statistical mechanics and fractals

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Lecture notes in mathematics (Springer-Verlag) ;

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Lecture notes in mathematics ; Statistical mechanics and fractals

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## C<sup>1</sup> fractals in statistical mechanics

Going a bit further, we might ask whether the fractional Gaussian field arises as the scaling limit of models that are not a priori Gaussian. Proceedings of the National Academy of Sciences. It is also possible to expand the use of fractals to the lack of a single characteristic time scale, or pattern.

## Chaos and Fractals: An Elementary Introduction

IEEE Transactions on Biomedical Engineering.

## Chaos and Fractals: An Elementary Introduction

Computation: You will learn about iterative algorithms, and the evolution of probability measures under such maps. A common feature of all types of fractal analysis is the need for against which to assess outputs. J Mater Sci: Mater Electron.

## The maximum entropy principle and the nature of fractals

This constraint allows for a new statistical characterization of fractal objects and fractal dimension.

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