

Fractals In Molecular Biophysics Topics In Physical Chemistry

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Summary:

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Fractals in Molecular Biophysics - OUP Fractal geometry is one such appealing approach, and this book discusses its application to complex problems in molecular biophysics. We use cookies to enhance your experience on our website. By continuing to use our website, you are agreeing to our use of cookies. Molecular fractals - Welcome to Fractal Forums Re: Molecular fractals Â« Reply #4 on: November 27, 2015, 09:47:56 PM Â» Ive searched a little bit more but I could not find any molecules but structures such as activated carbon are other great examples of fractals. Fractals in Molecular Biophysics (Topics in Physical ... Historically, science has sought to reduce complex problems to their simplest components, but more recently it has recognized the merit of studying complex phenomena in situ. Fractal geometry is one such appealing approach, and this book discusses its application to complex problems in molecular biophysics.

Fractals in Molecular Biophysics (ebook) by T. Gregory ... "The book is devoted to various applications of the modern concept of fractals to molecular, cellular, and metabolic systems. First, the basic terminology of self-similarity, polymer statistics, renormalization groups, and multifractality is introduced. Fractals In Molecular Biophysics Topics In Physical ... Fractal geometry is one such appealing approach, and this book discusses its application to complex problems in molecular biophysics. The book provides a detailed, unified treatment of fractal aspects of protein and structure dynamics, fractal reaction kinetics in biochemical systems, sequence correlations in DNA and proteins, and descriptors of chaos in enzymatic systems. Fractals in Molecular Biophysics by T. Gregory Dewey Science has begun to recognize the merit of studying complex phenomena in situ. Fractal geometry is one such approach, and this book discuss es its application to complex problems in molecular biophysics.

Fractals in Molecular Biophysics : T.Gregory Dewey ... A theme that runs through the book is the close association of fractals and renormalization group theory, the latter being intimately associated with phase behavior of polymers and aggregates."--Quarterly of Applied Mathematics "The book is devoted to various applications of the modern concept of fractals to molecular, cellular, and metabolic systems.