

Fractals In Molecular Biophysics Topics In Physical Chemistry

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## Summary:

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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 (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 - PDF Free Download Fractals in Molecular Biophysics considering thermodynamic data on loop closure, since the logarithm of the reduction factor gives the entropy of loop formation as a function of the number of units in the loop.

Fractals in molecular biophysics (eBook, 1997) [WorldCat.org] "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 : 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.