



Applying fractals in astronomy

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Monografía

The nine review articles in this book give a fairly complete survey of the applications of fractals to astronomical and astrophysical problems. The book is self-contained and written with the particular aim of teaching graduate students how to apply fractal geometry to new problems. After a general introduction to the basic concepts, applications are given to astrophysical dynamical systems, to strange attractors of stellar pulsations, to the solar granular pattern, and to both the large-scale structure of the universe - a central theme of the book - and to astronomical data analysis

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