



Applying fractals in astronomy

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Springer-Verlag,
1991

Libres electrònics

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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Título: Applying fractals in astronomy Recurs electrònic] A. Heck, J.M. Perdang, eds

Editorial: Berlin New York Springer-Verlag 1991

Descripción física: 1 recurs electrònic (viii, 210 pages) illustrations

Tipo Audiovisual: Astronomy Mathematics Fractals Astronomie Mathématiques Fractales Astronomy Mathematics. fast Fractals. fast Fractals. gtt Sterrenkunde. gtt Astrofysica. gtt

Mención de serie: Lecture notes in physics, new series m, monographs 0940-7677 m3

Bibliografía: Includes bibliographical references

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ISBN: 9783540475828 electronic bk.) 3540475826 electronic bk.) 3540543538 9783540543534 0387543538 9780387543536

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Punto acceso adicional serie-Título: Lecture notes in physics. New series m Monographs m3 SpringerLink eBooks

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