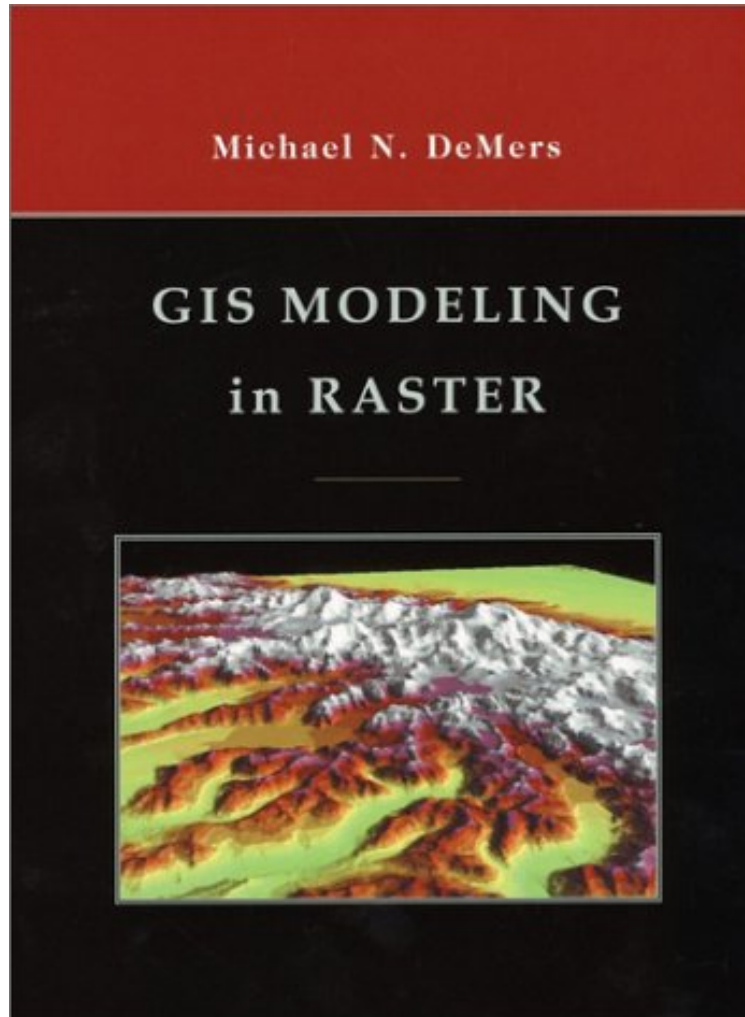


GIS Modeling in Raster

Michael N. DeMers

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Michael N. DeMers : GIS Modeling in Raster before purchasing it in order to gage whether or not it would be worth my time, and all praised GIS Modeling in Raster:

1 of 1 people found the following review helpful. Decent text covering Raster usage in GIS applicationsBy Doctor GangreenIf you're interested in working with raster data (that's the pixellated kind, like digital photos or elevation maps) this is a decent introduction and mid-level instructional text. It covers what some of the raster file formats include, some of the algebra and functions you can perform with raster files, and a number of other related topics. It's also a pretty short read, as textbooks go.0 of 0 people found the following review helpful. Five StarsBy Matthew A. Davisgreat for gis users1 of 3 people found the following review helpful. Get to the point!By A CustomerI had to purchase this book for an advanced GIS modeling course. Out of all the texts I have read for GIS, this is probably the most poorly organized. This book wanders through loosely defined concepts, and never seems to come to a

conclusion. The text (and boy is there text and text and text) is not well supported with graphics or drawings to illustrate the author's ideas and concepts, and when they are, the illustrations are simplistic "stick figure" drawings that appear to be drawn in PowerPoint. And 90 bucks for a 200 page book is pretty ridiculous.

The primary focus of this text is on the process of cartographic modeling and GIS modeling. The text goes beyond cartographic modeling to incorporate supplementary or complementary technologies and logics to show that spatio-temporal modeling is not limited to cartographic modeling, nor to Map Algebra. DeMers consistent, friendly and engaging style has been highly praised by reviewers of this title as well as users of his market leading Fundamentals of Geographic Information Systems.

From the Back Cover More than a classroom text this book is a long-term resource for the raster GIS modeling professional. From the basics of Map Algebra and its natural language interface to complex hydrological modeling techniques from model conceptualization to model implementation and from flowcharting to verification, this book brings together a wide range of topical information concerning raster GIS modeling in a single volume. Simple graphics help explain the concepts quickly and ample references provide the modeler with concrete examples upon which to draw inspiration and ideas. GIS Modeling in Raster provides an organized environment for the classroom setting, plus an easily accessible reference for the working professional.