

Annotated Listing of New Books

Editor's Note

Our policy is to annotate all English-language books on economics and related subjects that are sent to us. A very small number of foreign-language books are called to our attention and annotated by our consulting editors or others. Our staff does not monitor and order books published; therefore, if an annotation of a book does not appear six months after the publication date, please write to us or the publisher concerning the book.

D8 INFORMATION, KNOWLEDGE, AND UNCERTAINTY

BATTY, MICHAEL. *The New Science of Cities*. Cambridge and London: MIT Press, 2013. Pp. xx, 496. \$45.00. ISBN 978-0-262-01952-1.

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Explores how to build a new science of cities by understanding them as systems of networks and flows as well as places in space. Discusses building a science of cities; ebb and flow—interaction, gravity, and potential; connections and correlations—the science of networks; the growth of cities—rank, size, and clocks; hierarchies and networks; urban structure as space syntax; distance in complex networks; fractal growth and form; urban simulation; hierarchical design; Markovian design machines; a theory for collective action; urban development as exchange; and plan design as committee decision making. Batty is Bartlett Professor with the Centre for Advanced Spatial Analysis at University College London. Author and subject indexes.