



Solutions Manual to Accompany Models for Life: An Introduction to Discrete Mathematical Modeling with Microsoft Office Excel (Paperback)

By Jeffrey T. Barton

John Wiley and Sons Ltd, United States, 2016. Paperback. Condition: New. Solution Manual. Language: English. Brand new Book. A solutions manual to accompany An Introduction to Discrete Mathematical Modeling with Microsoft(R) Office Excel (R) With a focus on mathematical models based on real and current data, Models for Life: An Introduction to Discrete Mathematical Modeling with Microsoft(R) Office Excel(R) guides readers in the solution of relevant, practical problems by introducing both mathematical and Excel techniques. The book begins with a step-by-step introduction to discrete dynamical systems, which are mathematical models that describe how a quantity changes from one point in time to the next. Readers are taken through the process, language, and notation required for the construction of such models as well as their implementation in Excel. The book examines single-compartment models in contexts such as population growth, personal finance, and body weight and provides an introduction to more advanced, multi-compartment models via applications in many areas, including military combat, infectious disease epidemics, and ranking methods. Models for Life: An Introduction to Discrete Mathematical Modeling with Microsoft(R) Office Excel(R) also features: * A modular organization that, after the first chapter, allows readers to explore chapters in any order * Numerous practical...



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