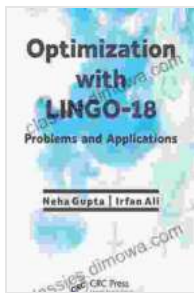# Optimization with LINGO: 18 Problems and Applications

Unlock the Secrets of Optimization with LINGO

Optimization is a fundamental aspect of modern decision-making, enabling organizations and individuals to allocate resources efficiently and achieve optimal results. With LINGO, a powerful software suite for optimization, you can tackle complex problems and optimize various aspects of your operations.

Optimization with LINGO-18: Problems and Applications by Neha Gupta

★★★★☆ 4 out of 5

Language	: English
File size	: 6967 KB
Screen Reader	: Supported
Print length	: 252 pages

This comprehensive guide provides you with 18 real-world problems and applications, demonstrating the practical applications of LINGO in different industries. From maximizing profits to minimizing costs, from scheduling to design optimization, this book covers a wide range of topics that will empower you to solve complex problems confidently.

Key Features:

- 18 In-depth problems and applications, covering various aspects of optimization.

- Step-by-step guidance on formulating and solving problems using LINGO.

- Practical examples that illustrate the power and versatility of LINGO.

- Covers both theoretical concepts and practical implementation.

- Ideal for students, researchers, and practitioners in business, engineering, and other fields.

Applications and Industries:

This book showcases the diverse applications of LINGO in various industries, including:

- Production and Supply Chain Management

- Finance and Investment Management

- Transportation and Logistics

- Healthcare and Pharmaceutical Research

- Engineering and Design Optimization

Benefits of Using LINGO:

- Solve complex optimization problems efficiently.

- Automate optimization tasks and save time.

- Improve decision-making by optimizing business and engineering processes.

- Gain a competitive advantage by leveraging optimization techniques.

- Develop transferable skills in optimization and problem-solving.

Who is this Book for?

This book is designed for:

- Students in operations research, business analytics, and engineering.

- Researchers and practitioners in optimization and decision-making.

- Business professionals and managers seeking to improve their operations.

- Engineers looking to optimize design and engineering processes.

Table of Contents:

- Advanced Optimization Techniques

- Case Studies and Real-World Applications

- Appendix: LINGO Syntax and Examples

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Unlock the power of optimization with LINGO. Free Download your copy today and embark on a journey to master the art of decision-making and achieving optimal results in various aspects of your business and engineering endeavors.

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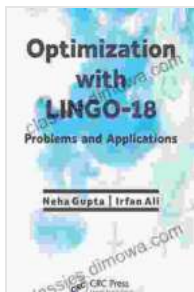
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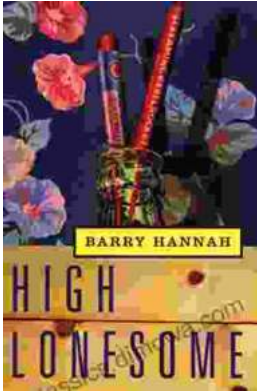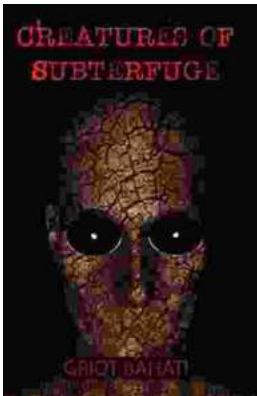
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