
AIMMS Modeling Guide - Keyword Table

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Part

Appendices

Keyword Table

Chapters	Basic	Intermediate	Advanced
Keywords	An Employee Training Problem A Media Selection Problem A Diet Problem A Farm Planning Problem A Pooling Problem	A Performance Assessment Problem A Two-Level Decision Problem A Bandwidth Allocation Problem A Power System Expansion Problem An Inventory Control Problem	A Portfolio Selection Problem A File Merge Problem A Cutting Stock Problem A Telecommunication Network Problem A Facility Location Problem
Auxiliary Model		■	■ ■ ■
Column Generation			■ ■ ■
Constraint Generation			■
Control-State Variables	■		■ ■
Customized Algorithm		■	■ ■ ■ ■
Integer Program	■ ■ ■	■	■ ■ ■ ■
Linear Program	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Logical Constraint	■		■
Mathematical Derivation		■ ■	■ ■ ■ ■ ■
Mathematical Reformulation		■ ■	■ ■ ■ ■
Measurement Units	■ ■		
Multiple Optima		■	
Multi-Stage			■
Network Program			■ ■ ■
Nonlinear Program		■	
Piece-Wise Approximation			■
Probabilistic Constraint	■		
Quadratic Program			■
Rounding Heuristic	■		
Sensitivity Analysis		■	
Simplex Method			■ ■ ■ ■
Stochastic Program			■ ■ ■
Two-Stage		■	
What-If Analysis		■ ■ ■	
Worked Example	■ ■ ■ ■ ■	■ ■ ■ ■ ■	■ ■ ■ ■ ■