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	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■