Index

Advisable Planning Systems, 206
Allen, James F., 53
Anderson, Scott, 113
Approximate Planning, 136
Architecture for Information Agents, An, 187
Arens, Yigal, 61
ARPA-Rome Laboratory Knowledge-Based Planning and Scheduling Initiative (ARPL, The, 3
Arthur, Richard, 242
Asynchronous Dynamic Replanning in a Multiagent Planning Architecture, 267

Becker, Marcel, 235
Bienkowski, Marie A., 24, 35, 70
Boddy, Mark S., 77
Bonissone, Piero, 10
Building, Remembering, and Revising Force Deployment Plans, 201
Burstein, Mark H., 24
Buvac, Sasa, 84

Calistri-Yeh, Randall J., 89
Challenges for Theory and Practice in Planning, 119
Chow, Gladys, 97
Chu, Wesley W., 97
"Classical" Planning under Uncertainty, 173
Cohen, Paul, 105, 113
Combining Planning Contexts, 84
Conditional Nonlinear Planning, 210
Configurable, Mixed-Initiative Systems for Planning and Scheduling, 235
Cooperative Database System (CoBase) for Query Relaxation, A, 97
Cross, Steven E., 3

Dalton, Jeff, 259
Darwiche, Adnan, 158
Dean, Thomas, 119
Demonstrating the Operational Feasibility of New Technologies: The ARPI IFDs, 35
desJardins, Marie E., 24, 124
Developing a Transition Path for ARPL Technology into the Air Campaign Planning Domain, 43
Doyle, Jon, 130
Drabble, Brian, 259

Edwards, Gary, 35
Etzioni, Oren, 152
EXPLAN: A User-Centered Environment for the Development and Adaptation of Knowledge-Based Planning Aids, 250
Evaluating Air Campaign Plan Quality in Operational Settings, 195
Farley, James, 242
Ferguson, George M., 53
Finin, Tim, 187
Fowler III, Northrup, 3

Garvey, Thomas D., 3
Gil, Yolanda, 250
Ginsberg, Matthew L., 136, 143
Goldszmidt, Moisê, 158
Griffith, Anna, 43
GSAT and Dynamic Backtracking, 143

Hammond, Kristian J., 165
Hanks, Steve, 173
Heaton, Jennifer K., 195
Hendler, James, 181
High-Performance Support for Case-Based Planning Applications, 181
Hoffman, Mark, 3, 43
Hus, Chun-Nan, 61

Kirman, Jak, 119
Knoblock, Craig A., 61

Knowledge Acquisition Tools for Planning Systems, 124
Lassila, Ora, 235
McAllister, David A., 143
McCarthy, John, 84
McEntire, Robin, 187
McKay, Donald P., 187
Militello, Laura G., 195
Miller, Thomas E., 195
Mulvehill, Alice M., 181, 201
Myers, Karen L., 206, 267

O-Plan: A Knowledge-Based Planner and Its Application to Logistics, 259
Oates, Tim, 105

Parra, Eduardo A., 226
Pastor, Jon, 187
Peaks and Valleys of ALPS, The: An Adaptive Learning and Planning System for Transportation Scheduling, 89
Perot, Mark A., 210
Plan Simulation Using Bayesian Networks, 158
Plan Steering and Mixed-Initiative Planning, 105
Planning in Complex Worlds via Mixed-Initiative Interaction, 53
Planning in Dynamic Environments: The DIPART System, 218
Pollack, Martha F., 218
Query Processing in the SIMS Information Mediator, 61

Rational Planning and Replanning, Toward: Rational Reason Maintenance, Reasoning Economies, and Qualitative Preferences, 130
Role of Case Based Planning in Large Scale Planning Systems, The, 165
Rumines, Louis, 43

Index 275
Schantz, Richard, 24
Schubert, Len K., 53
Segre, Alberto Maria, 89
Shoop, Jim, 43
Simulation for ARPI and the Air Campaign Simulator, 113
Smart Planning, vi
Smith, David E., 210
Smith, Douglas R., 226
Smith, Stephen F., 24, 235
SOCAP: System for Operations Crisis Action Planning, 70

Smartbot-Based Interface to the Internet, A, 152
St. Amant, Robert, 105
Stillman, Jonathan, 10, 242
Stoffel, Kilian, 181
Sturgill, David, 89
Swartout, William R., 250
Synthesis of Planning and Scheduling Software, 226

Tate, Austin, vi, 259
Technology Development in the ARPA/RI Planning Initiative, 10
Temporal Reasoning for Mixed Initiative Planning, 242
Temporal Reasoning for Planning and Scheduling in Complex Domains: Lessons Learned, 77

Weld, Daniel, 152
Westbrook, David, 113
Westfold, Stephen J., 226
Wilkins, David E., 267
Yang, Hua, 97