4th International Workshop on Qualitative Physics

page

Franz G. Amador & Daniel S. Weld: 210
Multi-level Modeling of Populations

Daniel Berleant & Benjamin Kuipers: 140
*Combined Qualitative and Numerical Simulation with Q3**

J. Crawford, A. Farquhar & B. Kuipers: 31
QPC: A Compiler from Physical Models into Qualitative Differential Equations

Johan de Kleer: 169
Compiling Devices and Processes

Keith Downing: 267
The Qualitative Criticism of Circulatory Models Via Bipartite Teleological Analysis

Richard Doyle, Leonhard Charest, Loretta Falcon & Kirk Kandt: 47
Addressing Information Overload in the Monitoring of Complex Physical Systems

Brian Falkenhainer & Kenneth D. Forbus: 1
Compositional Modeling of Physical Systems

Kenneth D. Forbus & Brian Falkenhainer: 97
Self-Explanatory Simulations: An Integration of Qualitative and Quantitative Knowledge

Pierre Fouché & Benjamin Kuipers: 195
An Assessment of Current Qualitative Simulation Techniques

Thomas P. Hamilton: 39
An Architecture for Real-Time Qualitative Reasoning

Joseph Hellerstein: 233
Obtaining Quantitative Predictions from Montone Relationsships

Yumi Iwasaki: 183
Reasoning with multiple abstraction models

Hyun-Kyung Kim: 55
Qualitative Kinematics of Linkages

Takashi Kiriyama, Tetsuo Tomiyama & Hiroyuki Yoshikawa: 153
Qualitative Reasoning and Conceptual Design with Physical Features

Anil Nigam & R. Bhaskar: 251
Qualitative Reasoning about a Large System Using Dimensional Analysis

Qiang Shen & Roy Leitch: 220
Integrating Common-Sense and Qualitative Simulation by the Use of Fuzzy Sets

Gordon Skorstad: 290
Clustered Causal Ordering

Peter van Beek: 68
Reasoning about Qualitative Temporal Information

Jerry Weinberg, Sedar Uckun & Gautam Biswas: 82
Qualitative Vector Algebra

Daniel Weld & Sanjaya Addanki: 16
Task-Driven Model Abstraction

Brian Williams: 161
Interaction-based Invention: Designing Devices from First Principles

Colin P. Williams: 111
Analytic Abduction from Qualitative Simulation