Subject Index: CIT Vol. 8 (2000), Nº 1–4

Acoustic echo cancellation, 333
Advertising system, 277
Anatomic localization, 137
Ants algorithm, 131
Atomic stabilization, 103
Attribute grammar, 115
Attribute value learner, 115

Behavior analysis, 293
Biorthogonal, 341
Block classification, 71
Block matching algorithms, 41

Clustered calcifications, 151
Coarse-grain dataflow, 89
Code generator, 305
Communicating real-time state machines CRSM, 207
Computer aided diagnosis, 151
Computer architecture, 89
Computer science education, 285
Constrained Delaunay triangulation, 319
Cooperative games, 311
Cost allocation, 311

Database search, 267
Dominant motion, 349
Dynamic slack stealing, 235

Electronic structure determination, 19
Embedded systems, 167, 197
Error minimization, 249

FIR filter banks, 341
Fish behavior, 293
Fractal image computing, 71
Frequency space, 103

Genetic algorithm, 197, 249
Genetic search, 103
Graph coloring, 131
Graphical specification, 181

Hard-real time, 221
Hard real-time systems, 167
Hardware implemented scheduler, 235
Hardware/software co-design, 181, 197
High-intensity laser fields, 103
High performance computing, 137
Hub-like networks, 311
Hybrid von Neumann/dataflow, 89
Hypercube, 41

Image analysis, 151
Image segmentation, 151
Imaging, 137
Imprecise computing, 249
Interactive exploration, 137
Interconnection networks, 1, 41

LACATRE, 181, 207
Learning programming, 285
Linear stability, 13
Low-delay, 341

Machine learning, 115
Mamography, 151
Mesh, 41
Micro dataflow, 89
MIMD computers, 31, 71
Modeling and simulation, 221
Motion estimation, 41
MPI, 19
Multi-directional images, 293
Multiprocessors, 41
Multiresolution pyramid, 41
Multitasking, 207

Network design, 311
Neural network, 197
Neural networks, 151
Nonlinear filters, 333

Object orientation, 181
ObjectPEARL, 181
Odd-even cyclic reduction, 1
Optimization, 341
Optimum frequency, 103
Over-development, 277

Parallel computing, 1, 13, 19, 31, 41, 71
Parallel evaluation of attribute grammars, 115
Parallel genetic algorithms, 103
Parallelism, 13
Petford-Welsh, 131
Procedural texture, 305
Programmable architectures, 41
Pulse ionization, 103
PVM, 19

QMF, 341

Ranking, 267
Real-time hardware architecture, 167
Real-time hardware architectures, 235
Real-time modelling, 207
Real-time operating systems, 167
Real-time programming languages, 167, 181
Real-time systems, 181
Real-time systems design, 207
Real-time systems specification, 207
Renderman specification, 305
RISC dataflow, 89
RLF, 131
Robust estimation, 349
Runge-Kutta methods, 13

Safety critical systems, 167
Scheduling, 235
Scheduling algorithm, 249
Scientific information retrieval, 267
Search engines, 267
Segmentation, 137
Shared memory, 31
Simple polygon triangulation, 319
Simple polygons, 319
Slack controller, 235

Solid modeling, 293
SpecificationPEARL, 181
Static segmentation, 349
Steiner points, 319
Subject trees, 267
Superconvergence, 13
Superscalar microprocessor, 89
Survey, 89
System failure, 277

Task processor, 221
Task scheduling, 197
Texture animation, 305
Threaded dataflow, 89
Time independent Schroedinger equation, 19
Tridiagonal linear systems, 1
Two-channel, 341
Two-dimensional mesh, 1
Two-step methods, 13

VHDL, 221
Visual programming, 285
Volterra filters, 333
Volume visualization, 137

WAP search engines, 267
Watershed, 349
Wavelet decomposition, 31
Web programming, 277
Web search, 267
WCET analysis, 167, 181

XML, 267