Discovering New Parallel Algorithms
Compiling for Parallelism
The PAC Project
Evaluation of 'Performance Enhancements' in algebraic Manipulation Systems
Implementation of LISP - Arbitrary Precision Arithmetic for a Vector Processor
Automatic Generation of Parallel Code for the Warp Computer
Automatic Code Vectorization of Arithmetic Expressions by Bottom-Up Structure Recognition
Factorization in a Functional Language
Parallel Polynomial Operators in the Large Buchberger Algorithm
Implementation of a Parallel Algorithm to Compute a Gröbner Basis on Boolean Polynomials
Adaptation of SAC-1 Algorithms for an SIMD Machine
Some issues in Designing Algebraic Algorithms for the CRAY X-MP
Exact Parallel Solution of Linear Systems
Solving Linear Diophantine Equations in Parallel
Parallel Algorithm Development
VLSI Manipulation of Polynomials
Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.