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Nota di contenuto   Transformation of attributed trees using pattern matching --
                     Generating LR(1) parsers of small size -- Syntax directed translation
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                     kind of modular attribute grammars -- Integrated graphic environment
                     to develop applications based on attribute grammars -- Implementing
                     high-level identification specifications -- Another solution of scoping
                     problems in symbol tables -- Compiler implementation of ADTs using
                     profile data -- The LDL — Language development laboratory --
                     Actress: An action semantics directed compiler generator -- Creation
                     of a family of compilers and runtime environments by combining
                     reusable components -- The interprocedural coincidence theorem --
                     Provably correct compiler development and implementation -- On
                     interprocedural data flow analysis for object oriented languages --
                     Testing completeness of code selector specifications -- A register

allocation framework based on hierarchical cyclic interval graphs -- Register pipelining: An integrated approach to register allocation for scalar and subscripted variables -- Instruction scheduling for complex pipelines -- Comparing software pipelining for an operation-triggered and a transport-triggered architecture -- Scheduling instructions by direct placement -- Compile-time analysis of object-oriented programs -- Partial evaluation of C and automatic compiler generation -- A term pattern-match compiler inspired by finite automata theory -- Improving the performance of parallel LISP by compile time analysis -- FCG: A code generator for lazy functional languages -- Compiling flang -- The implementation of objectmath — a high-level programming environment for scientific computing.

Sommario/riassunto	The International Workshop on Compiler Construction provides a forum for thepresentation and discussion of recent developments in the area of compiler construction. Its scope ranges from compilation methods and tools to implementation techniques for specific requirements of languages and target architectures. This volume contains the papers selected for presentation at the 4th International Workshop on Compiler Construction, CC '92, held in Paderborn, Germany, October 5-7, 1992. The papers present recent developments on such topics as structural and semantic analysis, code generation and optimization, and compilation for parallel architectures and for functional, logical, and application languages.