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Altri autori (Persone)	SambinGiovanni SmithJan M
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Nota di contenuto	Cover; Contents; 1. Yet another constructivization of classical logic; 2. Extension of Martin-Lof's type theory with record types and subtyping; 3. Type-theoretical checking and philosophy of mathematics; 4. The Hahn-Banach theorem in type theory; 5. A realizability interpretation of Martin-Lof's type theory; 6. The groupoid interpretation of type theory; 7. Analytic program derivation in type theory; 8. An intuitionistic theory of types; 9. On storage operators; 10. On universes in type theory; 11. How to believe a machine-checked proof 12. Building up a toolbox for Martin-Lof's type theory: subset theory 13. An introduction to well-ordering proofs in Martin-Lof's type theory; 14. Variable-free formalization of the Curry-Howard theory; 15. The forget-restore principle: a paradigmatic example
Sommario/riassunto	Martin-Loif type theory is an important and practical formalisation of the foundations of mathematics. This volume celebrates the 25th anniversary of the birth of the subject, and is a record of areas of

activity and of its early development.
