Andrea Cantini, Ettore Casari, and Pierluigi Minari (eds.)
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Selected Contributed Papers of the Tenth International Congress of
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REVIEW

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The volume originates from the Florence LMPS Congress, as mentioned in the subtitle. It is not a proceedings volume in the strict sense; it consists of papers selected from a more numerous list of talks given at the Congress in Sections 1-5 and 10. Contributions to sections, devoted to methodology and philosophy of science have already been presented in three volumes, two of which have appeared, the first in 1997, *Logic and Scientific Methods* and *Structures and Norms in Science*, edited by M. L. Dalla Chiara, K. Doets, D. Mundici and J. van Benthem (Synthese Library, vols. 259, 260); and in 1999, *Language, Quantum, Music*, edited by M. L. Dalla Chiara, R. Giuntini and F. Laudisa (Synthese Library, vol. 281).

It is well known that large meetings of this sort result in many-volume proceedings if the demand for completeness (at least for invited talks) is satisfied. The present volume contains only twenty brief and dense papers that the editors have judiciously selected from the set of contributions to the 1995 Congress in the areas of proof theory, constructive formal systems, recursion theory, modal logic and other associated areas of logic. Some motivations for the choice of the twenty papers are hinted at in a short Preface, some remain implicit. The editors' interests are reflected in this choice, which offers a large and stimulating picture of lines of research still in progress today. Here, only a short summary of the contents of each paper will be sketched before an equally short closing remark of a general character is given.

1. M. Forti, F. Honsell, M. Lenisa, "Operations, Collections and Sets within a General Axiomatic Framework", 1-24. The paper is a crisp