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Autore	Martin R. M (Richard Milton), <1916->
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CHAPTER SEVENTEEN. On Quine's "facts of the matter" CHAPTER EIGHTEEN. On collective terms, mereological sums, and quantifiers;

CHAPTER NINETEEN. On the effectiveness of mathematics in the natural sciences: Wigner, Whitehead, and Carnap; CHAPTER 20. On ordinal acts

and era III mathematics; Appendix: a thumbnail sketch of ordinal mereology; Notes; Notes to Chapter One; Notes to Chapter Two; Notes to Chapter Three; Notes to Chapter Four; Notes to Chapter Five; Notes to Chapter Six; Notes to Chapter Seven; Notes to Chapter Eight; Notes to Chapter Nine; Notes to Chapter Ten

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### Sommario/riassunto

The papers in this volume are concerned with a variety of vitally important topics in philosophical logic, the philosophy of language, the philosophy of mathematics, the philosophy of science, and in the application of modern logic to wider philosophical problems. All of them make fundamental use, in one way or another, of logical semiotics, the modern trivium of systematic syntax, semantics, and pragmatics, and some of them, of mereology, the general theory of parts and whole. The book includes 20 articles, dealing with such subjects as 'Logical semiotics and logistic grammar', 'The semiotics

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