

CONTENTS

Preliminary Note	
Preface	
1. Introduction	2
2. Recursive Functions	12
3. List Structures	22
4. Basic Concepts of LISP	27
5. Other Functions in LISP	46
6. Examples. Extensions of the LISP Language	50
7. Applications in Physics and Related Fields	62
8. The Organization of Processors	73
Appendix A. Simulated Turing Machines	79
Appendix B. The Universal Function EVAL	85
References	91