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Autore	Maxfield Clive <1957->
Titolo	The definitive guide to how computers do math : featuring the virtual DIY calculator / / Clive "Max" Maxfield, Alvin Brown
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Nota di contenuto	How Computers Do Math; Contents; Laboratories; Do You Speak Martian?; Chapter 0 Why This Book Is So Cool; Chapter 1 Introducing Binary and Hexadecimal Numbers; Chapter 2 Computers and Calculators; Chapter 3 Subroutines and Other Stuff; Chapter 4 Integer Arithmetic; Chapter 5 Creating an Integer Calculator; Chapter 6 More Functions and Experiments; Interactive Laboratories; Appendix A Installing Your DIY Calculator; Appendix B Addressing Modes; Appendix C Instruction Set Summary; Appendix D Additional Resources; About the Authors; Acknowledgments; Index
Sommario/riassunto	The Basics of Computer Arithmetic Made Enjoyable and Accessible-with a Special Program Included for Hands-on Learning""The combination of this book and its associated virtual computer is fantastic! Experience over the last fifty years has shown me that there's only one way to truly understand how computers work; and that is to learn one computer

and its instruction set-no matter how simple or primitive-from the ground up. Once you fully comprehend how that simple computer functions, you can easily extrapolate to more complex machines."-
Fred Hudson, retired engineer/scientist<b
