Contents

PREFACE		vii
FOREWORD	The Long Road to Bitcoin JEREMY CLARK	ix
CHAPTER I	Introduction to Cryptography and Cryptocurrencies	1
CHAPTER 2	How Bitcoin Achieves Decentralization	. 27
CHAPTER 3	Mechanics of Bitcoin	51
CHAPTER 4	How to Store and Use Bitcoins	76
CHAPTER 5	Bitcoin Mining	104
CHAPTER 6	Bitcoin and Anonymity	138
CHAPTER 7	Community, Politics, and Regulation	168
CHAPTER 8	Alternative Mining Puzzles	190
CHAPTER 9	Bitcoin as a Platform	213
CHAPTER 10	Altcoins and the Cryptocurrency Ecosystem	242
CHAPTER II	Decentralized Institutions: The Future of Bitcoin?	272
CONCLUSION		286
ACKNOWLEDGMENTS		287
ABOUT THE AUTHORS		289
NDEX		291