

1.	Record Nr.	UNINA9910895537203321
	Titolo	Working paper / University of Mannheim, Department of Business Administration and Information Systems
	Pubbl/distr/stampa	Mannheim, 1999-
	Descrizione fisica	Online-Ressource
	Disciplina	650
	Soggetti	Monografische Reihe
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
	Note generali	Fruhere Jahrgange online nicht mehr verfugbar Gesehen am 22. August 2016
2.	Record Nr.	UNINA9910300362803321
	Autore	Anandakrishnan Sridhar
	Titolo	Propeller Programming : Using Assembler, Spin, and C // by Sridhar Anandakrishnan
	Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2018
	ISBN	9781484233542 1484233549
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (317 pages)
	Disciplina	629.89
	Soggetti	Computer input-output equipment Computer programming Hardware and Maker Programming Techniques
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

Nota di contenuto

Part 1: Introduction -- Chapter 1: Introduction -- Chapter 2: Stein Compression -- Chapter 3: Introduction to Spin -- Chapter 4: Test Driven Development (TDD) -- Chapter 5: Compression in Spin -- Part 2: Spin and PASM -- Chapter 6: Propeller Assembler: PASM -- Chapter 7: Interacting with the world -- Chapter 8: Implementing the Compression code in PASM -- Chapter 9: Compression in PASM with TDD -- Chapter 10: Decompression in PASM -- Chapter 11: Debugging PASM code -- Part III: C Language -- Chapter 12: C Programming for the Propeller -- Chapter 13: Programming in Cog C Mode -- Chapter 14: Programming With C and PASM -- Chapter 15: Hardware I/O with C -- Chapter 16: Using Inline Assembly Instructions in C code -- 17: Concluding thoughts.

Sommario/riassunto

Learn to program the propeller in Spin and C and how to map the Propeller Assembler language (PASM) from other high-level languages you might know. The overall task you will pursue in the book is to implement a Delta Compression algorithm: first in Spin, then in PASM, then in C. Along the way, you'll review Test Driven Development, a powerful technique for validating code, and conclude with a chapter on hardware manipulations. The book's main goal is to help you extend the capabilities of the Propeller processor by using the Assembler language.
