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Nota di contenuto	1. Six pillars of modern entrepreneurial theory and how to use them -- 2. Pivoting in Software Startups -- 3. Yes, we can! Building a capable initial team -- 4. The Perception and Management of Technical Debt in Software Startups -- 5. An analytical framework for planning a Minimum Viable Products -- 6. Software Startup ESSENCE – How Should Software Startups Work? -- 7. Startup Metrics that Tech Entrepreneurs need to know -- 8. Early-stage software startups: main challenges and possible answers -- 9. The Roles of Incubators, Accelerators, Co-working Spaces, Mentors, and Events in the Startup Development Process -- 10. Fostering open innovation in coworking spaces – A study of Norwegian startups -- 11. The maturity of startup ecosystems

– The cases of New York, Tel Aviv and San Paolo -- 12. Thailand's Tech Startup Ecosystem -- 13. Software Startup Education - A Transition From Theory to Practice -- 14. Teaching "through" Entrepreneurship: an Experience Report -- 15. Lean Internal Startups: Challenges and Lessons Learned -- 16. Software Startup Education: Gamifying Growth Hacking -- 17. Key influencing factors in early-stage Norwegian hardware startups– A trilateral model of speed, resource and quality -- 18. The rise and fall of a database-as-a-service Latvian unicorn -- 19. Triggers of Business Success of IT Startup Owners in Russia -- 20. Brazilian startups and the current Software Engineering challenges - The Case of Tecnopuc.

Sommario/riassunto

This book discusses important topics for engineering and managing software startups, such as how technical and business aspects are related, which complications may arise and how they can be dealt with. It also addresses the use of scientific, engineering, and managerial approaches to successfully develop software products in startup companies. The book covers a wide range of software startup phenomena, and includes the knowledge, skills, and capabilities required for startup product development; team capacity and team roles; technical debt; minimal viable products; startup metrics; common pitfalls and patterns observed; as well as lessons learned from startups in Finland, Norway, Brazil, Russia and USA. All results are based on empirical findings, and the claims are backed by evidence and concrete observations, measurements and experiments from qualitative and quantitative research, as is common in empirical software engineering. The book helps entrepreneurs and practitioners to become aware of various phenomena, challenges, and practices that occur in real-world startups, and provides insights based on sound research methodologies presented in a simple and easy-to-read manner. It also allows students in business and engineering programs to learn about the important engineering concepts and technical building blocks of a software startup. It is also suitable for researchers at different levels in areas such as software and systems engineering, or information systems who are studying advanced topics related to software business.
