1.	Record Nr.	UNINA9910254854703321
	Autore	Badenhorst Wessel
	Titolo	Practical Python Design Patterns [[electronic resource]] : Pythonic Solutions to Common Problems / / by Wessel Badenhorst
	Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2017
	ISBN	1-4842-2680-1
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XVII, 350 p. 1 illus. in color.)
	Disciplina	005.133
	Soggetti	Python (Computer program language)
		Computer programming
		Software engineering
		Python
		Programming Techniques
		Software Engineering
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	1: Before We Begin -- 2: Singleton Pattern -- 3: Prototype Pattern -- 4: Factory Pattern -- 5: Builder Pattern -- 6: Adapter Pattern -- 7: Decorator Pattern -- 8: Facade Pattern -- 9: Proxy Pattern -- 10: Chain of Responsibility Pattern -- 11: Command Pattern -- 12: Interpreter Pattern -- 13: Iterator Pattern -- 14: Observer Pattern -- 15: State Pattern -- 16: Strategy Pattern -- 17: Template Method Pattern -- 18: Visitor Pattern -- 19: Model View Controller Pattern -- 20: Publish-Subscribe Pattern -- Appendix A: Patterns Quick Reference.
	Sommario/riassunto	Become a better, more productive programmer through a series of projects that will help you deeply understand and master each of the design patterns covered. In this book you will learn to write elegant "Pythonic" code to solve common programming problems. You will also experience design thinking, by identifying design patterns that would be helpful given a specific problem or situation. Python is eating the world. In recent years it has become so much more than a mere object-oriented, scripting language. Design patterns help you think of and solve problems in chunks. They help you to stand on the shoulders of the giants who have come before, instead of having to reinvent the

wheel. What You Will Learn Craft cleaner code Increase your effectiveness as a programmer Write more Pythonic code Solve bigger problems Discover optimal solutions to common problems, done in a way that is uniquely Pythonic Who This Book Is For Programmers who are comfortable with Python. It is also guide for people who have mastered other programming languages and who want to make the transition to Python.