1. Record Nr. UNINA9910709576703321

Autore	Middleton Helen K
Titolo	Hydraulic research in the United States 1965 / / Helen K. Middleton
Pubbl/distr/stampa	Gaithersburg, MD : , : U.S. Dept. of Commerce, National Institute of Standards and Technology, , 1965
Descrizione fisica	1 online resource
Collana	National Bureau of Standards miscellaneous publication ; ; 270
Altri autori (Persone)	MiddletonHelen K
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	1965. Contributed record: Metadata reviewed, not verified. Some fields updated by batch processes. Title from PDF title page.
Nota di bibliografia	Includes bibliographical references.

2. Record Nr. UNINA9910789551503321

Autore	Finch Craig
Titolo	Sage beginner's guide [[electronic resource]] : unlock the full potential of Sage for simplifying and automating mathematical computing / / Craig Finch
Pubbl/distr/stampa	Olton, Birmingham, : Packt Pub., 2011
ISBN	1-283-34938-8 9786613349385 1-84951-447-X
Descrizione fisica	1 online resource (596 p.)
Disciplina	005.5 300/.7/27
Soggetti	Mathematics - Computer programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Sage; Sage; Credits; About the Author; About the Reviewers; www.PacktPub.com; Support files, eBooks, discount offers and more; Why Subscribe?; Free Access for Packt account holders; Preface; What this book covers; What you need for this book; Who this book is for; Conventions; Time for action - heading; What just happened?; Pop quiz - heading; Have a go hero - heading; Reader feedback; Customer support; Downloading the example code; Errata; Piracy; Questions; 1. What Can You Do with Sage?; Getting started; Using Sage as a powerful calculator; Symbolic mathematics; Have a go hero - Linear algebraSolving an ordinary differential equation; More advanced graphics; Visualising a three-dimensional surface; Typesetting mathematical expressions; A practical example: analysing experimental data; Time for action - fitting the standard curve; What just happened?; Time for action - plotting experimental data; What just happened?; Time for action - fitting a growth model; What just happened?; Summary; 2. Installing Sage; Before you begin; Installing a binary version of Sage on Windows; Downloading VMware Player; Installing VMWare Player; Downloading and extracting Sage Launching the virtual machineStart Sage; Installing a binary version of Sage on OS X; Downloading Sage; Installing Sage; Starting Sage;

Installing a binary version of Sage on GNU/Linux; Downloading and decompressing Sage; Running Sage from your user account; Installing for multiple users; Building Sage from source; Prerequisites; Downloading and decompressing source tarball; Building Sage; Installation; Summary; 3. Getting Started with Sage; How to get help with Sage; Starting Sage from the command line; Using the interactive shell; Time for action - doing calculations on the command line
What just happened?Getting help; Command history; Tab completion; Interactively tracing execution; Using the notebook interface; Starting the notebook interface; Time for action - doing calculations with the notebook interface; What just happened?; Getting help in the notebook interface; Working with cells; Working with code; Closing the notebook interface; Have a go hero - using the notebook interface; Displaying results of calculations; Operators and variables; Arithmetic operators; Pop quiz - working with operators; Numerical types; Integers and rational numbers; Real numbers
Complex numbersSymbolic expressions; Defining variables on rings; Combining types in expressions; Pop quiz - understanding types; Strings; Time for action - using strings; What just happened?; Callable symbolic expressions; Time for action - defining callable symbolic expressions; What just happened?; Automatically typesetting expressions; Functions; Time for action - calling functions; What just happened?; Have a go hero - make some more plots; Built-in functions; Numerical approximations; The reset and restore functions; Defining your own functions
Time for action - defining and using your own functions

Sommario/riassunto

Unlock the full potential of Sage for simplifying and automating mathematical computing