1.

Record Nr.	UNINA9910478864503321
Autore	Woolever Nancy A
Titolo	Ace your SHRM certification exam : a guide to success on the SHRM-CP and SHRM-SCP exams / / editor Nancy A. Woolever
Pubbl/distr/stampa	Alexandria, Virginia : , : Society for Human Resource Management, , [2019] ©2019
ISBN	1-58644-617-7
Descrizione fisica	1 online resource (166 pages)
Disciplina	658.30076
Soggetti	Personnel management - Examinations Personnel management Personnel departments - Employees - Certification Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Study guide + Practice questions.

2. Record Nr.	UNINA9910682585103321
Autore	Calvetti Daniela
Titolo	Bayesian Scientific Computing / / by Daniela Calvetti, Erkki Somersalo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-23824-9
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (295 pages)
Collana	Applied Mathematical Sciences, , 2196-968X ; ; 215
Disciplina	519.542
Soggetti	Mathematics - Data processing
	Algebras, Linear
	Computer science - Mathematics
	Computational Science and Engineering
	Computational Mathematics and Numerical Analysis
	Linear Algebra
	Mathematics of Computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Inverse problems and subjective computing -- Linear algebra -- Continuous and discrete multivariate distributions -- Introduction to sampling -- The praise of ignorance: randomness as lack of certainty -- Enter subject: Construction of priors -- Posterior densities, ill-conditioning, and classical regularization -- Conditional Gaussian densities -- Iterative linear solvers and priorconditioners -- Hierarchical models and Bayesian sparsity -- Sampling: the real thing -- Dynamic methods and learning from the past -- Bayesian filtering and Gaussian densities -- .
Sommario/riassunto	The once esoteric idea of embedding scientific computing into a probabilistic framework, mostly along the lines of the Bayesian paradigm, has recently enjoyed wide popularity and found its way into numerous applications. This book provides an insider's view of how to combine two mature fields, scientific computing and Bayesian inference, into a powerful language leveraging the capabilities of both components for computational efficiency, high resolution power and uncertainty quantification ability. The impact of Bayesian scientific

computing has been particularly significant in the area of computational inverse problems where the data are often scarce or of low quality, but some characteristics of the unknown solution may be available a priori. The ability to combine the flexibility of the Bayesian probabilistic framework with efficient numerical methods has contributed to the popularity of Bayesian inversion, with the prior distribution being the counterpart of classical regularization. However, the interplay between Bayesian inference and numerical analysis is much richer than providing an alternative way to regularize inverse problems, as demonstrated by the discussion of time dependent problems, iterative methods, and sparsity promoting priors in this book. The quantification of uncertainty in computed solutions and model predictions is another area where Bayesian scientific computing plays a critical role. This book demonstrates that Bayesian inference and scientific computing have much more in common than what one may expect, and gradually builds a natural interface between these two areas.