

1. Record Nr.	UNINA9910404076603321
Autore	Muneer Tariq
Titolo	Practice and Innovations in Sustainable Transport
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2020
ISBN	3-03928-549-1
Descrizione fisica	1 online resource (118 p.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The book continues with an experimental analysis conducted to obtain accurate and complete information about electric vehicles in different traffic situations and road conditions. For the experimental analysis in this study, three different electric vehicles from the Edinburgh College leasing program were equipped and tracked to obtain over 50 GPS and energy consumption data for short distance journeys in the Edinburgh area and long-range tests between Edinburgh and Bristol. In the following section, an adaptive and robust square root cubature Kalman filter based on variational Bayesian approximation and Huber's M-estimation is proposed to accurately estimate state of charge (SOC), which is vital for safe operation and efficient management of lithium-ion batteries. A coupled-inductor DC-DC converter with a high voltage gain is proposed in the following section to match the voltage of a fuel cell stack to a DC link bus. Finally, the book presents a review of the different approaches that have been proposed by various authors to mitigate the impact of electric buses and electric taxis on the future smart grid.</p>

2. Record Nr.	UNINA9910298970803321
Autore	Osterhage Wolfgang W
Titolo	IT Quality Management / / by Wolfgang W. Osterhage
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-662-43767-8
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (139 p.)
Disciplina	003.3 004 004.24 004.6 005.74
Soggetti	Computer architecture Management information systems Computer science Computer software—Reusability Computer organization Computer system failures Database management Computer System Implementation Management of Computing and Information Systems Performance and Reliability Computer Systems Organization and Communication Networks System Performance and Evaluation Database Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Objectives -- Project Organisation -- Quality Management in the Context of Acceptance -- Subproject Organisation Quality Management -- Acceptance Directive -- Methods of Data and Software Migration -- Special Cases -- Documentation -- Security Aspects -- Project Management -- Project Controlling -- References -- Subject Index.

In a comprehensive approach this book covers the end-to-end process from request management to change management, error management and migration management to acceptance testing and final data clean up. It is based upon nearly twenty years of experience in tests, acceptance and certification, when introducing medium to large IT systems including complex software for administrations and industry in many countries. There exist a variety of methodologies with different characteristics having emanated from various schools and consultancies to support such activities. However, it is obvious that because of the diversity in organisational levels in companies the rigor of application of such methodologies quite often suffers with regard to more pragmatic approaches. In view of economic considerations this may be unavoidable. For this reason no new or consolidated methodology shall be presented but an approach oriented on practical criteria coming closer to reality and offering methods, which can provide assistance on a case-by-case basis.

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