

1. Record Nr.	UNISA996394854903316
Autore	Marana Giovanni Paolo <1642-1693.>
Titolo	The first volume of letters writ by a Turkish spy [[electronic resource]] : who lived five and forty years undiscover'd at Paris : giving an impartial account to the Divan at Constantinople of the most remarkable transactions of Europe, and discovering several intrigues and secrets of the Christian courts (especially of that of France) continued from the year 1637 to the year 1682 // written originally in Arabick, first translated into Italian, afterwards into French and now into English
Pubbl/distr/stampa	London, : Printed by Leake for Henry Rhodes ..., 1693
Edizione	[The fifth edition.]
Descrizione fisica	[22], 376 [i.e. 360] p., 1 leaf of plates : ill., port
Altri autori (Persone)	SaltmarshDaniel
Soggetti	Spies - Europe Europe History 17th century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Attributed to Marana by Wing and NUC pre-1956 imprints. Translated by Daniel Saltmarsh. Contains frontispiece: "Mahmut the Turkish spy". Contains numerous errors in pagination. Imperfect: stained, with print show-through and loss of print. Reproduction of original in the Bodleian Library.
Sommario/riassunto	eebo-0014

2. Record Nr.	UNINA9910847090503321
Autore	Van Tan Vu
Titolo	Active Anti-Roll Bar Control Design for Heavy Vehicles // by Vu Van Tan, Olivier Sename, Peter Gaspar, Trong Tu Do
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9713-59-5
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (XXII, 383 p. 283 illus., 249 illus. in color.)
Disciplina	629.2222
Soggetti	Vehicles Automatic control Dynamics Nonlinear theories Vehicle Engineering Control and Systems Theory Applied Dynamical Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction and Motivations -- Vehicle modeling using active anti-roll bar system -- LQR optimal controller design for active anti-roll bar system -- H robust controller design for active anti-roll bar system -- H/LPV controller design for active anti-roll bar system -- Validation of the active anti-roll bar controllers by using TruckSim® software -- Conclusions and Outlook.
Sommario/riassunto	This book provides a comprehensive overview of active anti-roll bar systems on heavy vehicles as one of the most effective solutions for improving the roll stability of these vehicles. Due to the characteristics of these vehicles with heavy loads and high center of gravity, the possibility of roll instability occurs frequently and causes serious consequences for human life, vehicles, and traffic infrastructure. The book gives readers an in-depth survey of the roll instability characteristics of heavy vehicles such as single-unit trucks with rigid and flexible frames, and tractor semi-trailers. It then introduces an active anti-roll bar system, the electro-hydraulic actuators which use control methods such as LQR optimal and H robust controller design.

This work introduces a new control method, which is a combination of robust control with the linear parameter varying system (H/LPV). The validation of the new hybrid method is carried out using the nonlinear truck model from the TruckSim® software to assess the roll stability of heavy vehicles in order to limit the rollover accident. A number of examples are provided to illustrate the research results, which helps the readers have a practical and easy approach that can be applied to other active anti-roll bar systems for most forms of transport vehicles in general. This book caters to academics and practitioners who are interested in active anti-roll bar systems for the typical heavy vehicle available worldwide.
