

1.	Record Nr.	UNIORUON00017001
	Titolo	Anthologie du Manyosyu. Sélection de poèmes / Traduits par Robert Vergez, avec une traduction par Jacques Chazelle
	Pubbl/distr/stampa	Tokyo, : Maison Franco Japonaise, 1949
	Descrizione fisica	122 p. ; 20 cm
	Classificazione	GIA VI AA
	Soggetti	LETTERATURA GIAPPONESE - POESIA - PERIODO NARA (710-794)
	Lingua di pubblicazione	Francese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910299828703321
	Autore	Yang Shaopu
	Titolo	Dynamics of Vehicle-Road Coupled System // by Shaopu Yang, Liqun Chen, Shaohua Li
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015
	ISBN	3-662-45957-4
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (336 p.)
	Disciplina	620 621 624 629.2
	Soggetti	Vibration Dynamics Automotive engineering Statistical physics Civil engineering Vibration, Dynamical Systems, Control Automotive Engineering Applications of Nonlinear Dynamics and Chaos Theory Civil Engineering
	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	Introduction -- Dynamic analysis of a heavy vehicle using lumped parameter model -- Dynamic analysis of a heavy vehicle using functional virtual prototype -- Dynamic analysis of a pavement structure under a vehicle's moving load -- Road dynamic responses under moving vehicle loads based on double-layer plate model -- Road dynamic responses under moving vehicle loads based on three-dimensional finite element model -- Modeling and dynamic analysis of vehicle-road coupled systems -- Parameter design of vehicle-road system with low dynamic interaction -- Modeling and interaction of a vehicle-road system with nonlinearity and viscoelasticity -- Construction of a highway fieldtest section for vehicle-road interaction.
Sommario/riassunto	Vehicle dynamics and road dynamics are usually considered to be two largely independent subjects. In vehicle dynamics, road surface roughness is generally regarded as random excitation of the vehicle, while in road dynamics, the vehicle is generally regarded as a moving load acting on the pavement. This book suggests a new research concept to integrate the vehicle and the road system with the help of a tire model, and establishes a cross-subject research framework dubbed vehicle-pavement coupled system dynamics. In this context, the dynamics of the vehicle, road and the vehicle-road coupled system are investigated by means of theoretical analysis, numerical simulations and field tests. This book will be a valuable resource for university professors, graduate students and engineers majoring in automotive design, mechanical engineering, highway engineering and other related areas. Shaopu Yang is a professor and deputy president of Shijiazhuang Tiedao University, China; Liqun Chen is a professor at Shanghai University, Shanghai, China; Shaohua Li is a professor at Shijiazhuang Tiedao University, China.