

1. Record Nr.	UNINA9910158646503321
Autore	Nagle Jeanne
Titolo	Etiquette at home // Jeanne Nagle
Pubbl/distr/stampa	New York : , : Rosen Central, , 2017
ISBN	1-4994-6483-5
Descrizione fisica	1 online resource (48 pages) : illustrations
Collana	Etiquette rules
Disciplina	395.122
Soggetti	Etiquette for children and teenagers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Etiquette basics -- Table manners -- Let's chat -- Cleanliness and appearance -- Space and time.

2. Record Nr.	UNINA9910906198203321
Autore	Luo Albert C. J.
Titolo	Two-dimensional Product-cubic Systems, Vol.II : Product-quadratic Vector Fields // by Albert C. J. Luo
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031571169 3031571169
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (300 pages)
Collana	Palgrave Studies in the History of Science and Technology Series
Disciplina	512.82
Soggetti	Dynamics Nonlinear theories Engineering mathematics Engineering - Data processing Multibody systems Vibration Mechanics, Applied Stochastic analysis Mathematical analysis Applied Dynamical Systems Mathematical and Computational Engineering Applications Multibody Systems and Mechanical Vibrations Stochastic Analysis Integral Transforms and Operational Calculus Dynamical Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Constant and Crossing-cubic Vector Fields -- Self-linear and Crossing-cubic Vector Fields -- Self-quadratic and Crossing-cubic Vector Fields.
Sommario/riassunto	This book, the sixth of 15 related monographs, discusses singularity and networks of equilibriums and 1-diemnsnional flows in product quadratic and cubic systems. The author explains how, in the networks, equilibriums have source, sink and saddles with counter-clockwise and

clockwise centers and positive and negative saddles, and the 1-dimensional flows includes source and sink flows, parabola flows with hyperbolic and hyperbolic-secant flows. He further describes how the singular equilibriums are saddle-source (sink) and parabola-saddles for the appearing bifurcations, and the 1-dimensional singular flows are the hyperbolic-to-hyperbolic-secant flows and inflection source (sink) flows for 1-dimensional flow appearing bifurcations, and the switching bifurcations are based on the infinite-equilibriums, including inflection-source (sink), parabola-source (sink), up-down and down-up upper-saddle (lower-saddle), up-down (down-up) sink-to-source and source-to-sink, hyperbolic and hyperbolic-secant saddles. The diagonal-inflection upper-saddle and lower-saddle infinite-equilibriums are for the double switching bifurcations. The networks of hyperbolic flows with connected saddle, source and center are presented, and the networks of the hyperbolic flows with paralleled saddle and center are also illustrated. Readers will learn new concepts, theory, phenomena, and analysis techniques. Product-quadratic and product cubic systems Self-linear and crossing-quadratic product vector fields Self-quadratic and crossing-linear product vector fields Hybrid networks of equilibriums and 1-dimensional flows Up-down and down-up saddle infinite-equilibriums Up-down and down-up sink-to-source infinite-equilibriums Inflection-source (sink) Infinite-equilibriums Diagonal inflection saddle infinite-equilibriums Infinite-equilibrium switching bifurcations Develops singularity and networks of equilibriums and 1-dimensional flows in product-quadratic and cubic systems; Provides dynamics of product-quadratic/ product-cubic systems through equilibrium network and first integral manifolds; Discovers new switching bifurcations through infinite-equilibriums of up-down upper-saddles (lower-saddles). .
