



## Parametric Resonance in Dynamical Systems

By Thor I. Fossen

Springer New York Mrz 2014, 2014. Taschenbuch. Condition: Neu. Neuware - Parametric Resonance in Dynamical Systems discusses the phenomenon of parametric resonance and its occurrence in mechanical systems, vehicles, motorcycles, aircraft and marine craft, along micro-electro-mechanical systems. The contributors provides an introduction to the root causes of this phenomenon and its mathematical equivalent, the Mathieu-Hill equation. Also included is a discussion of how parametric resonance occurs on ships and offshore systems, and its frequency in mechanical and electrical systems. This volume is ideal for researchers and mechanical engineers working in application fields such as MEMS, maritime, aircraft and ground vehicle engineering. 344 pp. Englisch.



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