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@inproceedings{Nelles2000NonlinearSI, title={Nonlinear System Identification: From Classical Approaches to Neural Networks and Fuzzy Models}, author={O. Nelles}, year={2000} } O. Nelles Published 2000 Mathematics 1. Introduction.- 1. Optimization Techniques.- 2. Introduction to Optimization.- 3 ...

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Nonlinear system identification - Wikipedia

Nonlinear system identification Oliver Nelles; Springer, Berlin, 2001, ISBN 3-540- 67369-5 In the preface, Oliver Nelles states his goal as providing engineers and scientists in academia and industry with a thorough understanding of the underlying principles of nonlinear identification. This is a tall order, no wonder the book is 785pp long.

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towards the development of nonlinear system identification techniques in structural dynamics [4,5]. The modal testing of linear structures is accomplished either by using broad band random testing or by using classical force-controlled stepped-sine testing, where the force amplitude is kept constant.

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System identification - Wikipedia

Written from an engineering point of view, this book covers the most common and important approaches for the identification of nonlinear static and dynamic systems. The book also provides the reader with the necessary background on optimization techniques, making it fully self-contained. The...

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Nonlinear system identification : from classical ...

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