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INTERNATIONAL JOURNAL OF ROBUST AND NONLINEAR CONTROL Int. J. Robust Nonlinear Control 8, 1237—1238 (1998)  
BOOK REVIEW MULTIVARIABLE FEEDBACK CONTROL ANALYSIS AND DESIGN, S. Skogestad And I. Postlethwaite, Wiley, Chichester, U.K., ISBN 0-471-94277-4, Jan 1th, 2024

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## **THE LQG/LTR PROCEDURE FOR MULTIVARIABLE FEEDBACK CONTROL ...**

THE LQG/LTR PROCEDURE FOR MULTIVARIABLE FEEDBACK CONTROL DESIGN\* By Gunter Stein\*\* Michael Athans\*\*\*

ABSTRACT This Paper Provides A New Perspective On The LQG/LTR Design Procedure For Linear Multivariable Feedback Systems. The Basic Design Problem Is Interpreted As A Weighted H<sub>∞</sub>-tradeoff Between Transfer Functions In The Frequency Domain. Mar 1th, 2024

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The Typical Structures Of The Multivariable Feedback Control Systems Considered In This Paper Are Shown In Fig.1(a) And 1(b). For Convenient, This Kind Of Structures Are Called "layer-wrapped Structures". The Precompensating Matrix For An N×N Multivariable Feedback Control System Is Implemented By Cascading The Determined Columns P I N ( 1,2 Mar 1th, 2024

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