

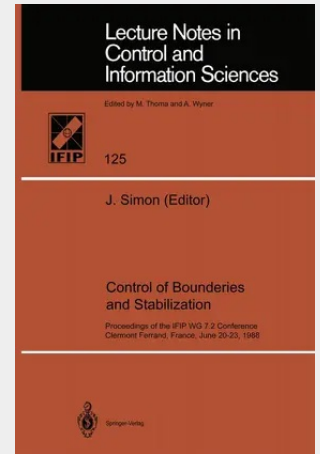
Simon

Control of Boundaries and Stabilization

Proceedings of the IFIP WG 7.2 Conference, Clermont Ferrand, France, June 20-23, 1988

The present proceedings volume is devoted to two subjects. Stabilization with emphasis on exact controllability: considering a physical system, such as a vibrating plate, one can reach a steady state in a finite time by acting on the boundary. Control of boundaries: given a physical system find the geometry of the domain (optimal shape) which minimizes a cost related to the solution of a boundary value problem in this domain, for example find a minimum drag profile. Many lectures included mathematical analysis as well as engineering applications and numerical simulation.

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53,49 €

49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540512394

Medium: Buch

ISBN: 978-3-540-51239-4

Verlag: Springer

Erscheinungstermin: 10.07.1989

Sprache(n): Englisch

Auflage: 1. Auflage 1989

Serie: Lecture Notes in Control and Information Sciences

Produktform: Kartoniert

Gewicht: 465 g

Seiten: 269

Format (B x H): 155 x 235 mm

