

# Ruido - Fundamentos e Controle

## **Ruido - Fundamentos e Controle**

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Edited and distributed by the Brazilian Center for Security and Industrial Health. Printed by the University Press, Federal University of Santa Catarina, Florianópolis, Brazil.

*xxxvi + 600 pp, paper*

This may well be the first text to appear in the Portuguese language that is exclusively devoted to noise and its control. This comprehensive text contains 13 chapters which cover all aspects of noise control. The major subjects covered are: acoustic waves, the effects of noise and vibration on people, instrumentation, sound radiation from vibrating structures, sound isolation, sound propagation outdoors, sound fields in rooms, materials and silencers for the absorption of sound, filters and acoustic resonators, shock and vibration isolation, machinery noise, hearing protection and the engineering control of noise.

The book is intended to serve as a text for undergraduate and graduate students in engineering curricula, particularly mechanical and civil engineering, as well as architecture. It is well illustrated and attractively printed.