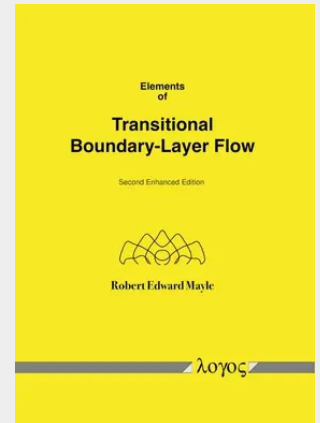


Elements of Transitional Boundary-Layer Flow

Suitable for advanced-level courses or an independent study in fluid mechanics, this text by an expert in the field provides the basic aspects of laminar-to-turbulent flow transition in boundary layers. Logically organized into three major parts, the book covers pre- and post-transitional flow, transitional flow, and several advanced topics in periodically disturbed transitional flow. Some of the subjects covered within this enhanced edition include high-frequency unsteady laminar flow, turbulent flow, natural transition, bypass transition, turbulent spot theory, turbulent spot kinematics and production models, spot theory with becalmed interactions, correlations for the onset and rate of transition, global and conditional averaging, transitional flow models, wake-induced transition, multimode transition, and separated-flow transition. Containing some 202 figures (all drawn by the author), 28 tables, 12 appendices, a supplement on tensors, and an extensive bibliography, this 415 page book provides a wealth of data and information about the subject.

**46,00 €**

42,99 € (zzgl. MwSt.)

*Lieferfrist: bis zu 10 Tage***Artikelnummer:** 9783832545987**Medium:** Buch**ISBN:** 978-3-8325-4598-7**Verlag:** Logos**Erscheinungstermin:** 15.08.2018**Sprache(n):** Englisch**Auflage:** 2. Enhanced Auflage 2018**Produktform:** Kartoniert**Seiten:** 415**Format (B x H):** 170 x 240 mm