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| Autore                  | Lawson Tom  |
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| Descrizione fisica      | xvi, 286 p. : ill   |
| Disciplina              | 690/.21   |
| Soggetti                | Buildings - Aerodynamics<br>Wind-pressure   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Title from title screen.  |
| Nota di bibliografia    | Includes bibliographical references (p. 277-280) and index.   |
| Nota di contenuto       | 1. The wind -- 2. Flow around bluff bodies in turbulent flow -- 3. Wind loading -- 4. Wind environment -- 5. Rain and snow -- 6. Ventilation -- 7. Fire -- 8. Emissions from buildings -- 9. Sailing -- 10. Experimental methods -- 11. Necessary statistics.   |
| Sommario/riassunto      | This book starts, by explaining briefly the origins of wind. It then proceeds to the normal forms of presentation for wind data, and explains how each is used in the appropriate analysis. The general aerodynamics of bluff bodies is explained in Chapter 2. Wind loading, wind environment, rain, ventilation, fire and effluent from chimneys are considered in the following chapters. Experimental methods are discussed in the penultimate chapter. Up to this point, theory and practice are discussed, and no design data are presented. Necessary statistics insofar as they concern the earlier chapter material are presented in the last chapter. This is not a theoretical study, but simply pointing the reader to the appropriate statistical technique and presents the relevant expressions. |