

typical second draft of a professor's notes distributed to students in an advanced graduate course. The organization is inconsistent, with some passages appearing almost totally out of context. For example, a short discussion of a technique for identification of externally applied forces appears from out of the blue in the introduction to Chapter 7 (accompanied by eight uncited bibliographic sources listed at chapter's end); this material belongs toward the end of Chapter 8, where McConnell repeatedly emphasizes the desirability of knowing these forces. Also, there are notational and logical inconsistencies, and there are many, many typographical errors, some obvious but others deceptive. All of the book should have been proofread more carefully, and its technical content should have been independently edited.

Although the table of contents is quite thorough, there is no author index, and the subject index is mediocre. For example, McConnell refers on p. 369 to the "five and ten rule quoted earlier." Having forgotten the exact details of the "rule," I searched back for it, but received no help

from the index. All chapter sections and subsections and all equations are numbered, but cross-referencing within the book is inconsistent. Many equations and assertions appear without any reference to sources within or outside the book. This and the inadequate indexing reduce the value of the book as a source of readily available and useful information.

Because the book covers such a broad range of topics, there is useful and probably new information here for anyone involved in vibration testing. Which parts prove to be most useful will depend on one's own areas of work and interest. For example, I have occasionally been puzzled by the behavior of piezoelectric transducers, and I am very interested in structure-actuator interaction, so Chapters 4 and 6 were most immediately informative. When I next need to delve into the intricacies of digital data analysis relevant to modal testing, I shall certainly consult Chapters 5 and 7.

William L. Hallauer Jr.  
U.S. Air Force Academy

## Errata

### Experimental Study of a Normal Shock/Homogeneous Turbulence Interaction

S. Barre, D. Alem, and J. P. Bonnet  
*Université de Poitiers, F-86036 Poitiers Cedex, France*

[AIAA Journal, 34(5), pp. 968-974 (1996)]

FIGURE 15 was mistakenly used for Fig. 16. Both figures are shown herewith in their correct form.

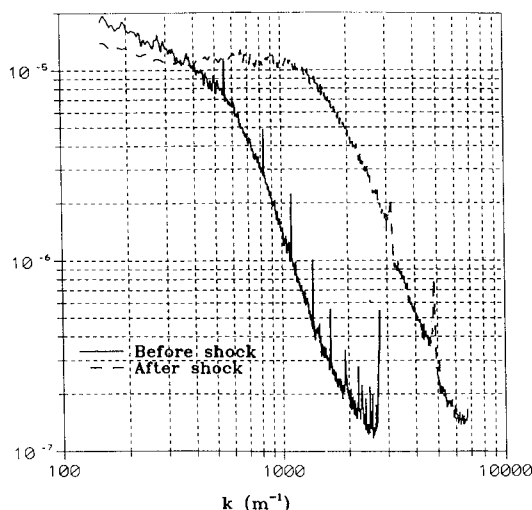


Fig. 15 Normalized hot-wire spectra just before and 11 mm ( $\approx 2$  mesh grid size) downstream of the shock wave.

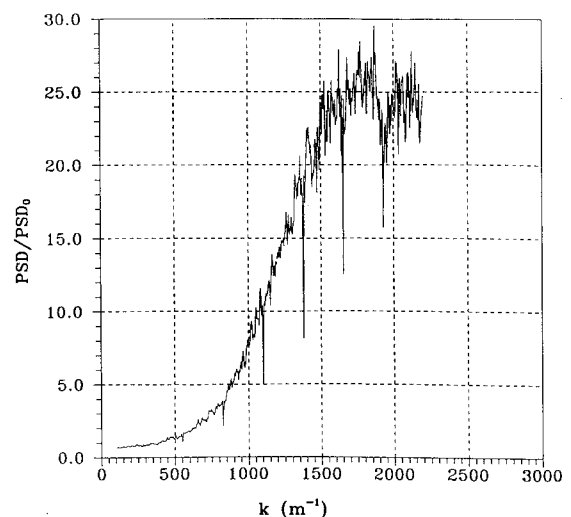


Fig. 16 Ratio of normalized hot-wire spectra just before and 11 mm ( $\approx 2$  mesh grid size) downstream of the shock wave.