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The vibration-measuring
instruments, along with vibration
exciters, experimental modal
analysis procedures, and machine
condition monitoring, are

presented in Chapter 10. Similarly,
all the numerical integration
methods applicable to single and
multi-degree of freedom systems,
as well as continuous systems, are
unified in Chapter 11.

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In Chapter 3 the section on self-
excitation and stability analysis
has been rewritten and expanded.
A section on earthquake response
spectra has been added to Chapter
4. Two new sections, Using
Newton's Second Law to Drive
Equations of Motion and Free
Vibration of Undamped Systems,
have been added to Chapter 6.

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Description. For courses in

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Retaining the style of previous
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