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**Mechanical vibration and  
shock — Mechanical mounting of  
accelerometers**

*Vibrations et chocs mécaniques — Fixation mécanique des  
accéléromètres*

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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 108, *Mechanical vibration, shock and condition monitoring*.

This third edition cancels and replaces the second edition (ISO 5348:1998), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the theory of mass and stiffness influence on the frequency response obtained has been expanded;
- the frequency responses have been replaced by actual measurements and have been made more comparable;
- the influence of electrical loops has been added.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).