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Mechanical vibration and shock — Signal processing

Part 3: Methods of time-frequency analysis

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National foreword

This British Standard is the UK implementation of ISO 18431-3:2014.

The UK participation in its preparation was entrusted to Technical Committee GME/21/2, Mechanical vibration, shock and condition monitoring - Vibration and shock measuring instruments and testing equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Foreword

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The committee responsible for this document is ISO/TC 108, *Mechanical vibration, shock and condition monitoring*.

ISO 18431 consists of the following parts, under the general title *Mechanical vibration and shock — Signal processing*:

— *Part 1: General introduction*

— *Part 2: Time domain windows for Fourier Transform analysis*

— *Part 3: Methods of time-frequency analysis*

— *Part 4: Shock-response spectrum analysis*

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