ISO 18431-2:2004-10 (E)

Mechanical vibration and shock - Signal processing - Part 2: Time domain windows for Fourier Transform analysis

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Symbols 2

5 Common time domain windows 2
5.1 General 2
5.2 Hanning window 3
5.3 Flat-top window 3
5.4 Rectangular window 5

6 Examples 6
6.1 Common windows applied to a truncated sinusoidal signal 6
6.2 Common windows applied to a non-truncated sinusoidal signal 8

Bibliography 10