ISO 2631-5:2018 (E)

Mechanical vibration and shock — Evaluation of human exposure to whole-body vibration — Part 5: Method for evaluation of vibration containing multiple shocks

Contents

		Foreword	
		Introduction	
1		Scope	
2		Normative references	
3		Terms, definitions and symbols	
4		Delineation of the two exposure regimes	
5		Description of the model	
	5.1 5.1.2 5.1.3 5.1.4 5.2 5.3	Measurement location and specific hardware requirements Signal conditioning	
Annex A		(informative) Alternative model for the determination of spinal response during exposures without loss of contact with seat surface	
	A.1 A.2 A.3 A.3.2 A.3.2	Calculation of intervertebral forces	
Annex	В	(informative) General relationship between acceleration dose and health effects	
Annex	С	(informative) Assessment of health effects for exposures that are described in Clause 5	
Annex	D	(informative) Example of digital implementation of transfer function for exposures that are described in Clause 5	
Annex	E	(informative) Assessment of health effects for exposures without loss of contact with seat surface	
	E.1 E.2 E.3 E.4	General Software input and output (individual analysis) Risk factor Transfer function for one set of conditions	

Page count: 33