

ISO/TR 10687:2012-07 (E)

Mechanical vibration-- Description and determination of seated postures with reference to whole-body vibration

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Description of posture quantities	1
2.1	General	1
2.2	Points on the body	1
2.3	Flexions and axial rotations	3
2.4	Symbols	4
3	Biomechanical background	4
3.1	General	4
3.2	Spinal segments	4
3.3	Body segments apart from the spine	5
3.4	Other quantities	5
4	Coordinate system	5
5	Characterization of postures	6
5.1	General	6
5.2	Postural information	6
5.3	Other information	12
6	Methods for determination of posture quantities	13
7	Measurement errors	14
Annex A (informative) Examples for the application to different body segments		15
Bibliography		21