

ISO/TR 11233:2014-04 (E)

Space systems - Orbit determination and estimation - Process for describing techniques

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Symbols and abbreviated terms	1
3 Background	1
3.1 General	1
3.2 Initial orbit determination	2
3.3 Subsequent orbit determination	2
3.4 Required information for orbit determination	3
3.5 Orbit elements	7
3.6 Coordinate systems	9
3.7 Reference frames	12
3.8 State variables, mean orbits, and covariance	13
3.9 Orbit propagators	13
4 Documentary requirements	14
Annex A (informative) Representative widely used orbit determination and estimation tool sets	15
Annex B (informative) Representative reference frames	16
Annex C (informative) Representative numerical integration schemes	17
Annex D (informative) Sample data sheet	18
Bibliography	19