

ISO 16610-29:2020-04 (E)

Geometrical product specifications (GPS) - Filtration - Part 29: Linear profile filters: wavelets

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	General wavelet description	4
4.1	General	4
4.2	Basic usage of wavelets	4
4.3	Wavelet transform	4
4.4	Biorthogonal wavelets	5
4.4.1	General	5
4.4.2	Cubic prediction wavelets	6
4.4.3	Cubic b-spline wavelets	6
5	Filter designation	6
Annex A (normative) Cubic prediction wavelets		7
Annex B (normative) Cubic b-spline wavelets		15
Annex C (informative) Relationship to the filtration matrix model		18
Annex D (informative) Relation to the GPS matrix model		19
Bibliography		20