

ISO 16610-60:2015-10 (E)

Geometrical product specification (GPS) - Filtration - Part 60: Linear areal filters - Basic concepts

Contents	Page
Foreword	iv
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Basic concepts	3
4.1 General	3
4.2 Separable weighting functions	3
4.3 Discrete representation of data	4
4.4 Discrete representation of the linear areal filter	4
4.5 Discrete representation of the weighting function	5
5 Linear areal filters	7
5.1 Filter equations	7
5.2 Discrete convolution	8
5.3 Transfer function	9
5.4 Separable filter banks	11
Annex A (informative) Concept diagram	13
Annex B (informative) Relationship to the filtration matrix model	14
Annex C (informative) Relationship to the GPS matrix model	15
Bibliography	16