

ISO 14880-1:2016-04 (E)

Optics and photonics - Microlens arrays - Part 1: Vocabulary and general properties

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
2.1	Basic definition of microlens and microlens array	1
2.2	General terms and definitions	1
2.3	Terms relating to properties of the microlens array	5
2.3.1	Geometrical properties	5
2.3.2	Optical properties	6
3	Symbols and units of measure	7
4	Coordinate system	8
5	Properties of individual lenses	9
Annex A (informative) Microlens arrays applications (1) -- Telecommunications		10
Annex B (informative) Microlens arrays applications (2) -- Image sensor arrays		11
Annex C (informative) Microlens arrays applications (3) -- LCD projection panels		12
Annex D (informative) Microlens arrays applications (4) -- Wavefront sensors		13
Annex E (informative) Microlens arrays applications (5) -- stereo displays		16
Annex F (informative) Microlens arrays applications (6) -- 3D imaging and light-field cameras		17
Bibliography		19