Journal of
**Micro/Nanolithography,
MEMS, and MOEMS**

SPIEDigitalLibrary.org/jm3

Errata: MOEMS deformable mirrors for focus control in vital microscopy

Mohammad J. Moghimi
B. Jeffrey Lutzenberger
Brant M. Kaylor
David L. Dickensheets

Errata: MOEMS deformable mirrors for focus control in vital microscopy

Mohammad J. Moghimi
B. Jeffrey Lutzenberger
 Montana State University
 Electrical and Computer Engineering
 530 Cobleigh Hall
 Bozeman, Montana 59717

Brant M. Kaylor
 Bridger Photonics, Inc.
 2310 University Way, Building 4-4
 Bozeman, Montana 59717

David L. Dickensheets
 Montana State University
 Electrical and Computer Engineering
 530 Cobleigh Hall
 Bozeman, Montana 59717
 E-mail: davidd@ee.montana.edu

[DOI: 10.1117/1.JMM.11.1.019801]

This article [*J. Micro/Nanolith. MEMS MOEMS* **10**, 023005 (2011)] was originally published online on 28 April 2011 with errors in Table 1. The correct data appear below.

The online version of the article was corrected on 12 January 2012.

Table 1 Zernike polynomials associated with terms 1 to 15 in the Zernike mode spectrum.

Term No.	n, m for Z_n^m	Polynomial	pk-pk amplitude	Aberration type
1	0,0	1	—	piston
2	1,1	$r \cos(\theta)$	1	tilt about y-axis
3	1,−1	$r \sin(\theta)$	1	tilt about x-axis
4	2,2	$r^2 \cos(2\theta)$	1	astigmatism
5	2,0	$2r^2 - 1$	2	defocus
6	2,−2	$r^2 \sin(2\theta)$	1	astigmatism
7	3,3	$r^3 \cos(3\theta)$	1	trefoil
8	3,1	$(3r^3 - 2r) \cos(\theta)$	1.63	coma
9	3,−1	$(3r^3 - 2r) \sin(\theta)$	1.63	coma
10	3,−3	$r^3 \sin(3\theta)$	1	trefoil
11	4,4	$r^4 \cos(4\theta)$	1	quadrafoil
12	4,2	$(4r^3 - 3r^2) \cos(2\theta)$	1.56	2nd astigmatism
13	4,0	$6r^4 - 6r^2 + 1$	1.5	spherical
14	4,−2	$(4r^3 - 3r^2) \sin(2\theta)$	1.56	2nd astigmatism
15	4,−4	$r^4 \sin(4\theta)$	1	quadrafoil