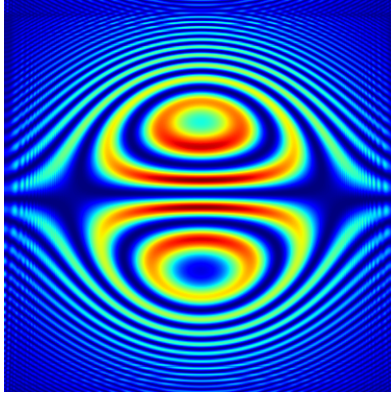


intensity pattern



LightPipes for Python 2.1.5

Michelson interferometer with Zernike aberration in one arm

Michelson-with-aberration.py

size = 15.00 mm

$\lambda = 0.63 \mu\text{m}$

N = 500

R = 9.00 mm beam radius of the laser

z1 = 80.00 mm length of arm 1

z2 = 70.00 mm length of arm 2

z3 = 30.00 mm distance from the laser to the beam splitter

z4 = 50.00 mm distance from the beam splitter to the screen

tx, ty = 0.00, 0.00 mrad tilt of mirror 2

Zernike aberration = (3, -1), vertical coma

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