Mode shape at 4.089 Hz 16 -P6 14 P5 12 10 P4  $z\left[ m\right]$ 8 6 4 P2 Undeformed shape 2 Deformed shape 3 Std. dev. 0 1.5 0.5 -1.0 -0.5 0.0 1.0 x [m]