



Fig. 54 **+Mode 1** axisymmetric linear buckling modal imperfection shape from BIGBOSOR4 for the optimum design of the **isogrid-stiffened** equivalent ellipsoidal shell listed in Table 52. The optimum design was obtained with the use of plus and minus **mode 1, mode 2, mode 3, and mode 4** axisymmetric imperfection shapes with amplitude, $W_{\text{imp}} = 0.2$ inch. Compare with Fig. 4.