

2-bay flat panel without edge stiffeners: Input file, allenflat5.inp, is generated via Table 27

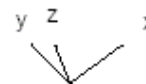
PA= 1.00000E+01 PB= 0.00000E+00 PX= 0.00000E+00

step 12 displacement w contours

Fig.74 nonlinear w same view as linear buckling mode; case=allenflat5

Minimum value = -6.86248E-02, Maximum value = 6.29852E-02

Θ x -35.84  
Θ y -13.14  
Θ z 35.63



2.109E+00

Fig. 74 STAGS prediction for the deformed state of the flat panel at the design load, PA = 10.0 (Nx = -1000 lb/in). This figure is analogous to Fig. 68, which pertains to the two-stringer-bay model of the flat panel with the edge stiffeners included in the model. With this two-stringer-bay flat panel there is no mode jumping.