

Figure 10 is a line graph showing the normalized maximum error versus the number of nodes (20, 40, 80) for the upper and lower surfaces of a rectangular plate. The graph compares numerical results for 10, 20, 40, and 80 nodes against experimental data points (dots for upper surface, stars for lower surface). The error generally decreases as the number of nodes increases, with the 80-node model showing the lowest error. The upper surface error is consistently higher than the lower surface error.

Nodes	Upper Surface (Dots)	Lower Surface (Stars)
10	~0.0015	~0.0005
20	~0.0010	~0.0003
40	~0.0007	~0.0002
80	~0.0005	~0.0001

 x/c