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where $u_1 = 0$, $u_3 = 0$ as nodes 1 and 3 are fixed. Using Equations (1) and (3) of (A) 2000 1800. Solving $u_2 = 11.86$ mm, $u_4 = 7.63$ mm 2.7. $f_1x = C$, $f_2x = -C$ $f = -k = -k (u_2 - u_1)$ $f_1x \dots$

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Step 2 Choose a displacement function within each element.
Step 3 Relate the stresses to the strains through the stress/strain law—generally

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