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the nodal co-ordinates for an axis symmetric friangular Blement are given by 1,= 10 mm, 12 = 30 mm, Z2 = 10 mm, 13 = 30 mm, (30,40) (30,10) (10,10) 300 mm 0-0142 0 0-0142 0 co ordinates ~ 7 = 7, + 72 + 73 72 Z3 - 73 Z2 = (1200 - 300) = 900 mm2 1 = 13 Z1 - 5, Z3 B3 = 21-22 = 0 7, = 13-12 2 0 mm 82 = 11-13 = -30 mm 13 = 12-7, = 20

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