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Solution-1-H6739.tex 24/1/2007 9:28 Page6 6 Solutions Manual Fig. S.1.3(c) Fig. S.1.3(d) S.1.4 The principal stresses at the point are determined, as indicated in the question, by transforming each state of stress into a σx, σy, τxy stress system. Clearly, in the first case σx=0, σy=10N/mm2, τxy=0 (Fig. S.1.4(a)). The two remaining cases

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