|  |  |
| --- | --- |
| 1) 7.4      Assuming the origin at the bottom |  |

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| 2) 7.20     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | P | | T=25mm | A |  | | v \_\_>☼ | | 1  ╬ | 300 |  | |  | | 2 ╬ | |  | 150mm | | 300mm | |  | (0,0) |  | |  | 137.5 |  |  | B | | |  |

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| 3) 7.27 |  |

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| --- | --- | --- | --- |
| 4) 8.1     |  | | --- | | Locations of Shear Centers for Sections Having One Axis of Symmetry: |  |  | | --- | |  |     A  V  F2  F1  F3  F1  F2 |  |

|  |  |
| --- | --- |
| 5) 8.11 | F3  F2  F1  F2  F1 |