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| **مهندس بوانی تمرین های استاتیک 7Hw#** | |
| 1. Determine the forces in members *CG* and *GH* of the symmetrically loaded truss. | 1. Calculate the forces in members *AB*, *BG*, and *GF*. Solve for each force from an equilibrium equation which contains that force as the only unknown. |
| 1. Determine the force in member *BE* of the loaded truss. | 1. The truss is composed of equilateral triangles of side *a* and is supported and loaded as shown. Determine the forces in members *BC and* *CG..* |
| 1. The members *CJ* and *CF* of the loaded truss cross but are not connected to members *BI* and *DG.* Compute the forces in members *BC*, *CJ*, *CI*, and *HI.* | 1. Compute the force in member *GM* of the loaded truss. |
| 1. Determine the force in members *BD* and *DE* of the truss shown. | 1. Determine the force in members *AD*, *CD*, and *CE* of the truss   shown. |