Matrix Analysis - Top Chord Axial Forces

Member 12: A(x) = 1.62x + -2482.7
Member 23: A(x) = 1.62x + -2183.8

Member 27: A(x) = 434.6
Member 37: A(x) = -685.6

Axial Force @ Mid Panel = -2424.3 lbs   Axial Force @ Panel Point = -2351.5 lbs   Axial Force @ Mid Panel = -2123.0 lbs

Axial Force (lbs)

Length (in.)