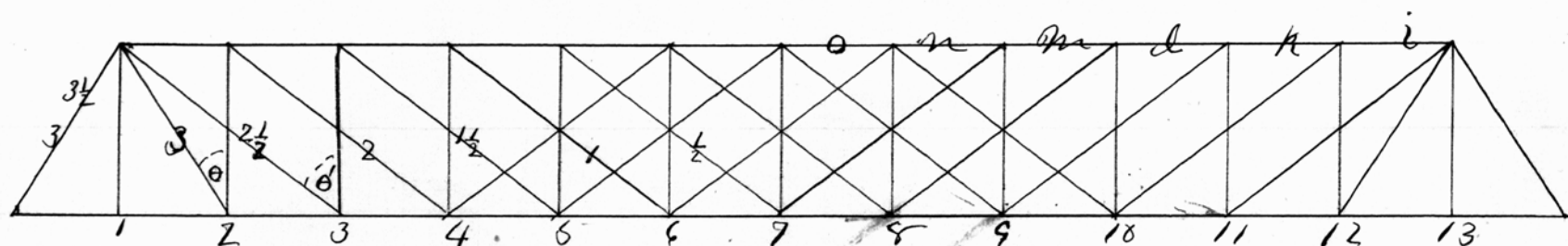


$$\text{Stress in } f = \frac{19}{2}(w'+w)\tan\theta + 6(w'+w)\tan\theta' = 429796.$$

$$\dots \dots g = \frac{19}{2}(w'+w)\tan\theta + 7(w'+w)\tan\theta' = 469708.$$

Calculation of strains in upper chord



$$\text{Stress on } i = \frac{19}{2}(w'+w)\tan\theta + \frac{5}{2}(w'+w)\tan\theta' = 290102.$$

$$\dots \dots k = \frac{19}{2}(w'+w)\tan\theta + \frac{9}{2}(w'+w)\tan\theta' = 389927.$$

$$\dots \dots l = \frac{19}{2}(w'+w)\tan\theta + 6(w'+w)\tan\theta' = 429796.$$

$$\dots \dots m = \frac{19}{2}(w'+w)\tan\theta + 7(w'+w)\tan\theta' = 469708.$$

$$\dots \dots n + 0 = \frac{19}{2}(w'+w)\tan\theta + \frac{15}{2}(w'+w)\tan\theta' = 489664.$$

The strains so far calculated are the maximum strains in