Bending Moment at the cut = displacement force x 0.725

\[ M = L \times 0.444w \]

\[ w = 0.444m \]

\[ w = 0.444m \]

\[ w = 0.444m \]

\[ L = w/(7 - 6) \]

Theoretical Bending Moment at cut

Experimental Bending Moment

At cut = Disregard Force x 0.125