













80: $P_c = 2 F g_n(\frac{\phi}{2}) \approx 2 F \frac{\phi}{2} = F \phi \oplus 0$ where $\phi = rad$, ie: For small angles & rad = smt = tan & = Bendy thong: M = 0 = E OF ET PC = FM Ss EI PC = FM &s
EI ie crushing load per unit length along beam. 2 "Brazier Loading" Also: F= 5.A , where o represents stress in the flanges or covers and A represents their cronsectional areas, eg. b.t 5= MY $\frac{P_c}{\delta s} = \frac{M^2 A Y}{E I^2}$ etc O Tan Paraw 2010 Other references may continue to derive expressions assuming $y \approx h$, $I \approx 2 bt (h)^2$, A = bt and may be based on P_C where $\delta A = b \cdot \delta s$ ie as a planar compressive stross created by the flanges or covers and resulted by the webs and ribs within the beam. E.g.: @ Tan Farow 2010

