$K_R := 1.5$ $F_n := 369N \cdot mm^{-2}$ $E_c := 72562N \cdot mm^{-2}$ $m := 26$ $f_{IB} := 400N \cdot mm^{-2}$

Given

$$\frac{K_R \cdot \pi^2 \cdot t^2}{12 \cdot p^2} = \frac{F_n}{E_c} \cdot \left[\frac{f_{IB}}{F_n} + \left(\frac{f_{IB}}{F_n} \right)^m \right]$$

$F_{IB}(p, t) := \text{Find}(f_{IB})$

$$p := \begin{pmatrix} 50.8 \\ 50.8 \\ 50.8 \\ 53.4 \\ 67.2 \\ 47.2 \\ 79.8 \\ 47.2 \\ 47.2 \end{pmatrix} mm \qquad t := \begin{pmatrix} 12.2 \\ 12.2 \\ 14.1 \\ 10.1 \\ 10.1 \\ 21.8 \\ 10.0 \\ 10.0 \\ 10.0 \end{pmatrix} mm$$

$i := 0 .. \text{rows}(p) - 1$

$Sol_i := F_{IB}(p_i, t_i)$