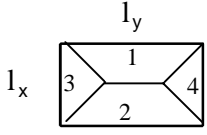
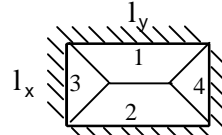
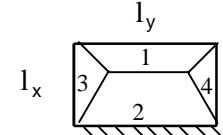
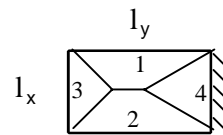
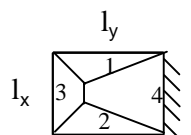
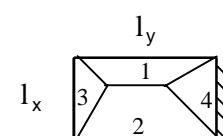
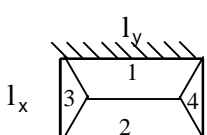
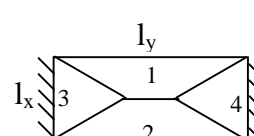
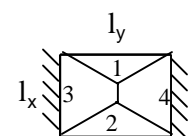
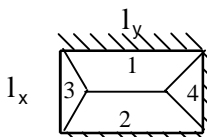
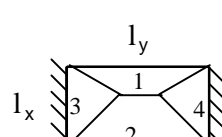
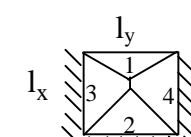


REAÇÃO DE LAJES SOB CARGA UNIFORMEMENTE DISTRIBUÍDA
Segundo a NBR6118

<p>Tipo 1</p>  $R_1 = R_2 = \frac{ql_x}{4} \left(2 - \frac{l_x}{l_y}\right)$ $R_3 = R_4 = \frac{ql_x}{4}$	<p>Tipo 2</p>  $R_1 = R_2 = \frac{ql_x}{4} \left(2 - \frac{l_x}{l_y}\right)$ $R_3 = R_4 = \frac{ql_x}{4}$	<p>Tipo 3</p>  $R_1 = \frac{ql_x}{5,5} \left(2 - 0,7 \frac{l_x}{l_y}\right)$ $R_2 = 1,8R_1$ $R_3 = R_4 = \frac{ql_x}{5,5}$
<p>Tipo 4 $l_y > 1,35 l_x$</p>  $R_1 = R_2 = \frac{ql_x}{4} \left(2 - 1,35 \frac{l_x}{l_y}\right)$ $R_3 = \frac{ql_x}{4} \quad R_4 = \frac{ql_x}{2,3}$	<p>Tipo 4A $l_y \leq 1,35 l_x$</p>  $R_1 = R_2 = \frac{ql_y}{5,5}$ $R_3 = \frac{ql_y}{5,5} \left(2 - 0,7 \frac{l_y}{l_x}\right)$ $R_4 = 1,8R_3$	<p>Tipo 5</p>  $R_1 = \frac{ql_x}{5,5} \left(2 - \frac{l_x}{l_y}\right)$ $R_2 = 1,8R_1$ $R_3 = \frac{ql_x}{5,5} \quad R_4 = 1,8 R_3$
<p>Tipo 6</p>  $R_1 = R_2 = \frac{ql_x}{4} \left(2 - 0,6 \frac{l_x}{l_y}\right)$ $R_3 = R_4 = \frac{ql_x}{6,8}$	<p>Tipo 7 $l_y > 1,75 l_x$</p>  $R_1 = R_2 = \frac{ql_x}{4} \left(2 - 1,75 \frac{l_x}{l_y}\right)$ $R_3 = R_4 = \frac{ql_x}{2,3}$	<p>Tipo 7A $l_x < l_y \leq 1,75 l_x$</p>  $R_1 = R_2 = \frac{ql_y}{6,8}$ $R_3 = R_4 = \frac{ql_y}{4} \left(2 - 0,6 \frac{l_y}{l_x}\right)$
<p>Tipo 8</p>  $R_1 = R_2 = \frac{ql_x}{4} \left(2 - 0,8 \frac{l_x}{l_y}\right)$ $R_3 = \frac{ql_x}{6,8} \quad R_4 = \frac{ql_x}{4}$	<p>Tipo 9 $l_y > 1,35 l_x$</p>  $R_1 = \frac{ql_x}{5,5} \left(2 - 1,25 \frac{l_x}{l_y}\right)$ $R_2 = 1,8R_1$ $R_3 = R_4 = \frac{ql_x}{3,2}$	<p>Tipo 9A $l_x < l_y \leq 1,35 l_x$</p>  $R_1 = \frac{ql_y}{6,8} \quad R_2 = \frac{ql_y}{4}$ $R_3 = R_4 = \frac{ql_y}{4} \left(2 - 0,8 \frac{l_y}{l_x}\right)$