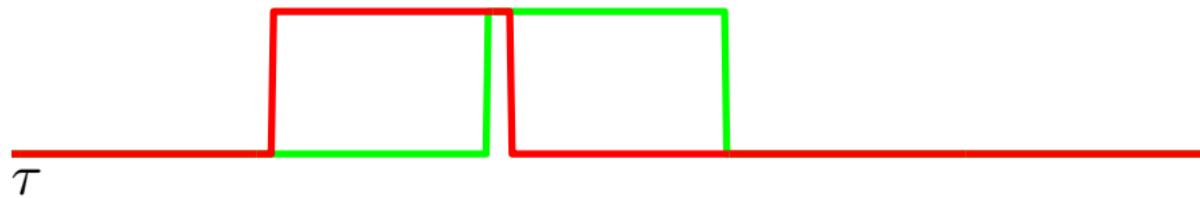


$$g_1(\tau)$$

$$g_2(t_3 - \tau)$$



$$g_1(\tau)g_2(t_3 - \tau)$$

$$\tau$$

$$(g_1 * g_2)(t) = \int_{-\infty}^{\infty} g_1(\tau)g_2(t - \tau)d\tau$$

A graph showing the convolution result $(g_1 * g_2)(t_3)$. The horizontal axis is labeled t . A blue triangle represents the convolution, peaking at $t = t_3$. A small circle marks the peak of the triangle at $t = t_3$.

$$(g_1 * g_2)(t_3)$$

$$t$$