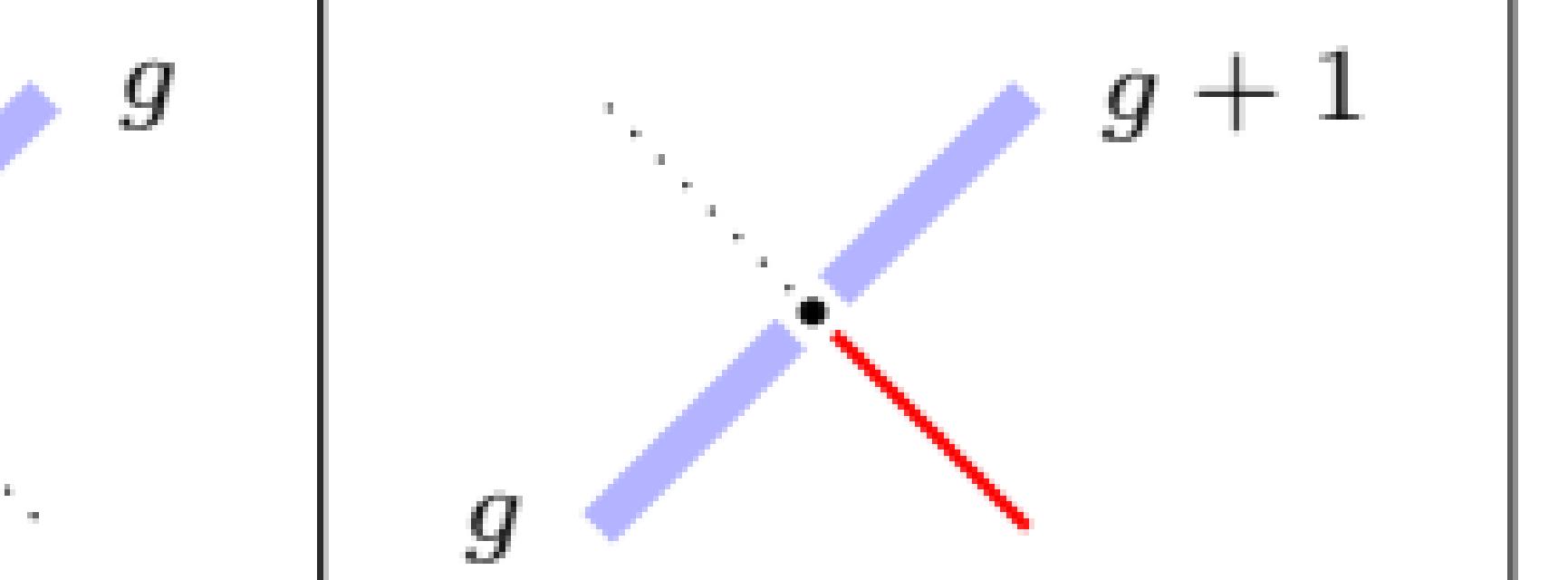
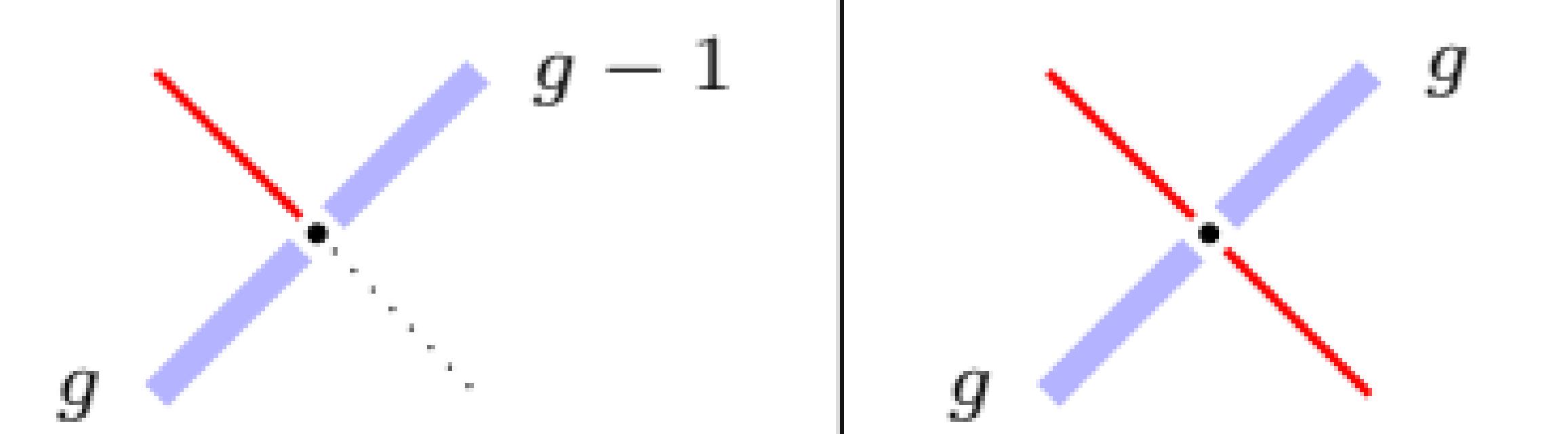


$$\mathcal{R}_{x,v,s}(i_1, j_1; i_2, j_2)$$



$$\frac{1-q^gsv}{1-sv}$$



$$\frac{xv+q^gsv}{1-sv}$$