

$$(\text{br}_{x,y} \otimes \text{Id}_z) \circ \text{as}_{y,x,z} \circ (\text{Id}_y \otimes \text{br}_{x,z}) = \text{as}_{x,y,z} \circ \text{br}_{x,y} \otimes z \circ \text{as}_{y,z,x}$$