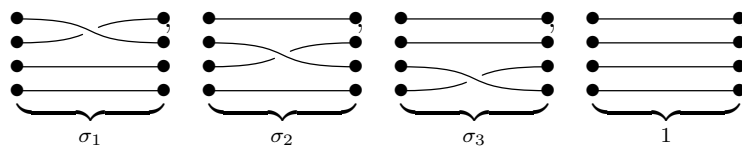


The generators and the identity for  $B_4$  are the following:



and the operation  $\circ$  composes two braids identifying the objects in the middle; e.g.  $\sigma_1 \circ \sigma_2$  is the following:

