

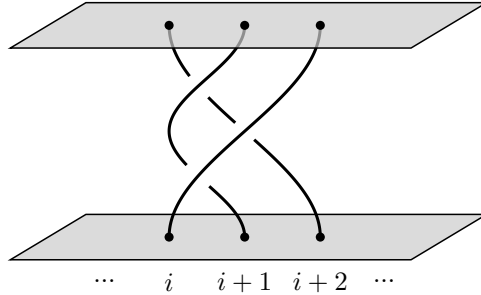
$$\sigma_i \sigma_{i+1} \sigma_i =$$


Diagram illustrating the braid $\sigma_i \sigma_{i+1} \sigma_i$. The strands are labeled i , $i+1$, and $i+2$. The strands i and $i+1$ cross twice, and strand $i+1$ crosses strand $i+2$ once. The strands i and $i+2$ do not cross.

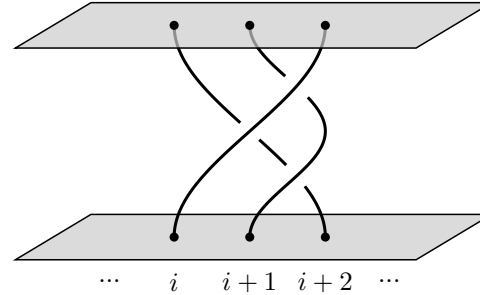
$$=$$


Diagram illustrating the braid $\sigma_{i+1} \sigma_i \sigma_{i+1}$. The strands are labeled i , $i+1$, and $i+2$. The strands $i+1$ and $i+2$ cross twice, and strand i crosses strand $i+1$ once. The strands i and $i+2$ do not cross.

$$= \sigma_{i+1} \sigma_i \sigma_{i+1}$$