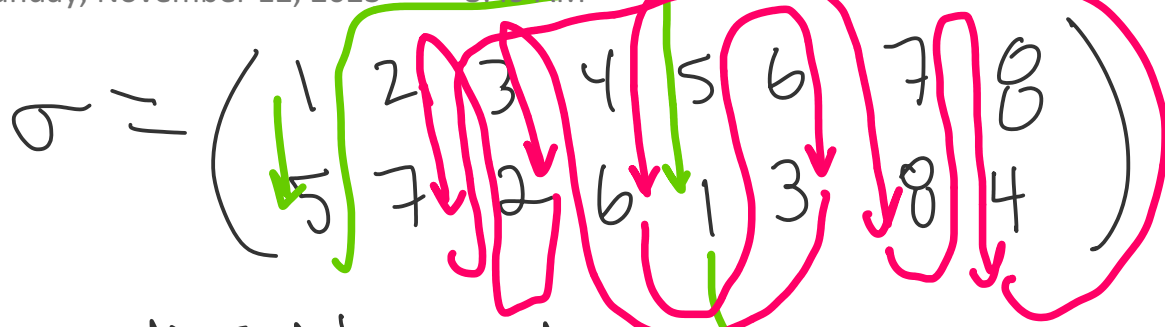


# Quiz 10 MTH 450/550

Sunday, November 12, 2023 8:49 AM



as disjoint cycles

Find the orbits:  $\{1, 5\}, \{2, 7, 8, 4, 6, 3\}$

So,

$$\sigma = (1, 5)(2, 7, 8, 4, 6, 3)$$

as transpositions

$$\sigma = (1, 5)(2, 3)(2, 6)(2, 4)(2, 8)(2, 7)$$

already  
a transposition