

# The Mirror Reversal Problem

Isabel Coelho





Dihedral group  $D_8$   
the group of symmetries of a regular octagon

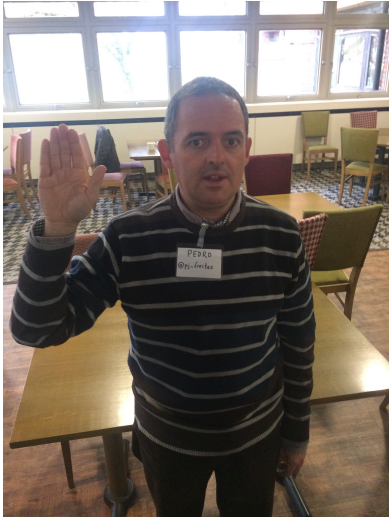


Why do mirrors reverse left and right?

Why don't mirrors reverse top and bottom?



Liverpool Waterfront





! UOY THANK

Cheers, Pedro.