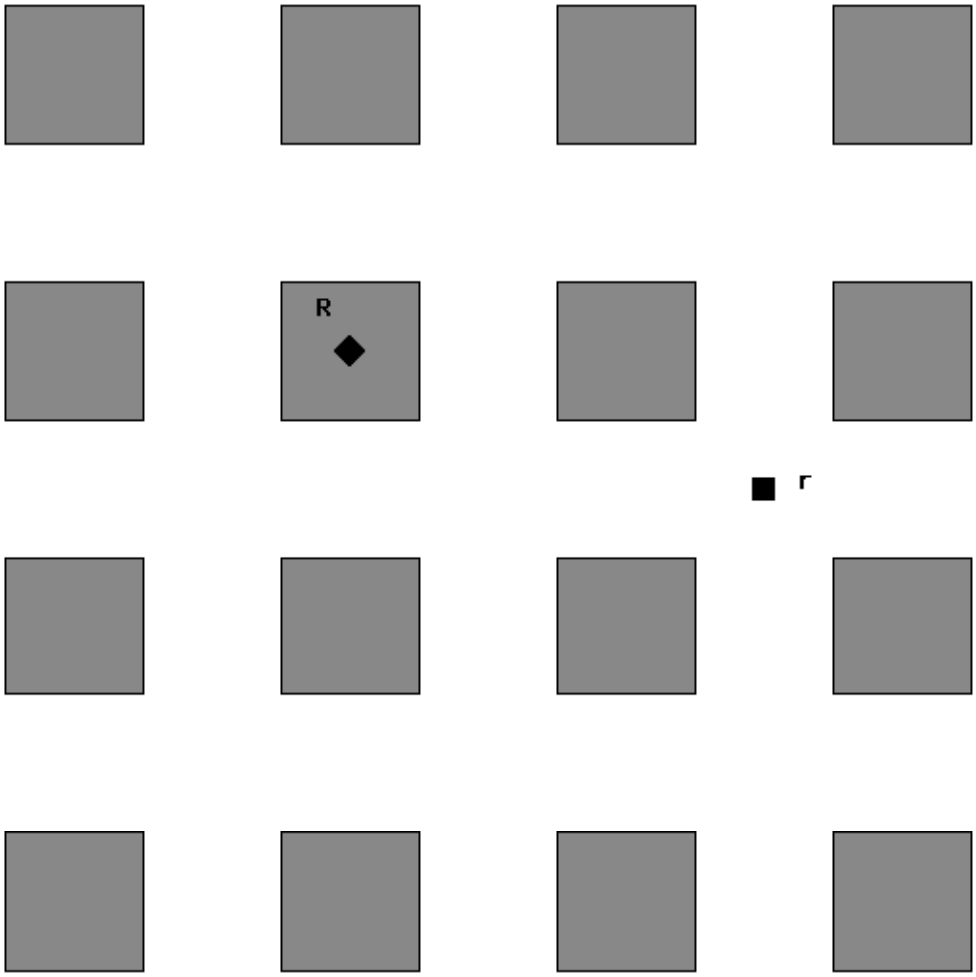
MAT 203 -- Homework #7

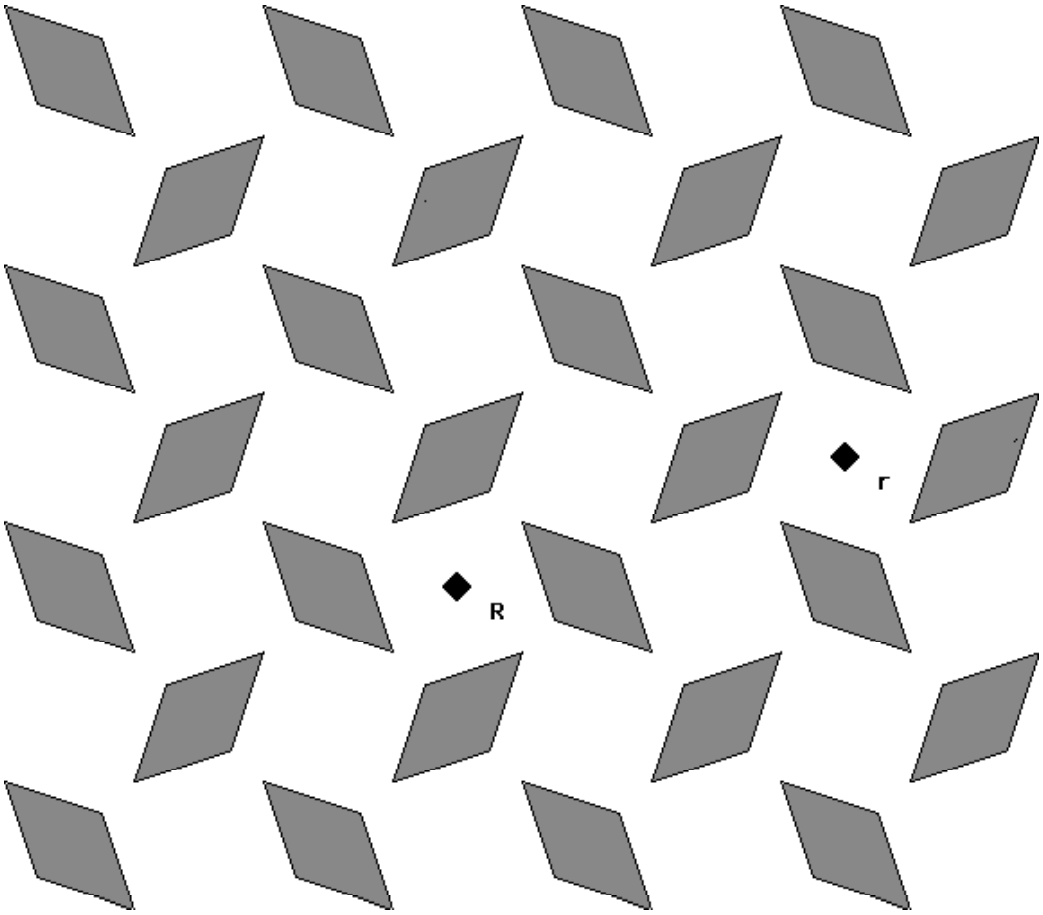
Determine the indicated isometry images:

(1)



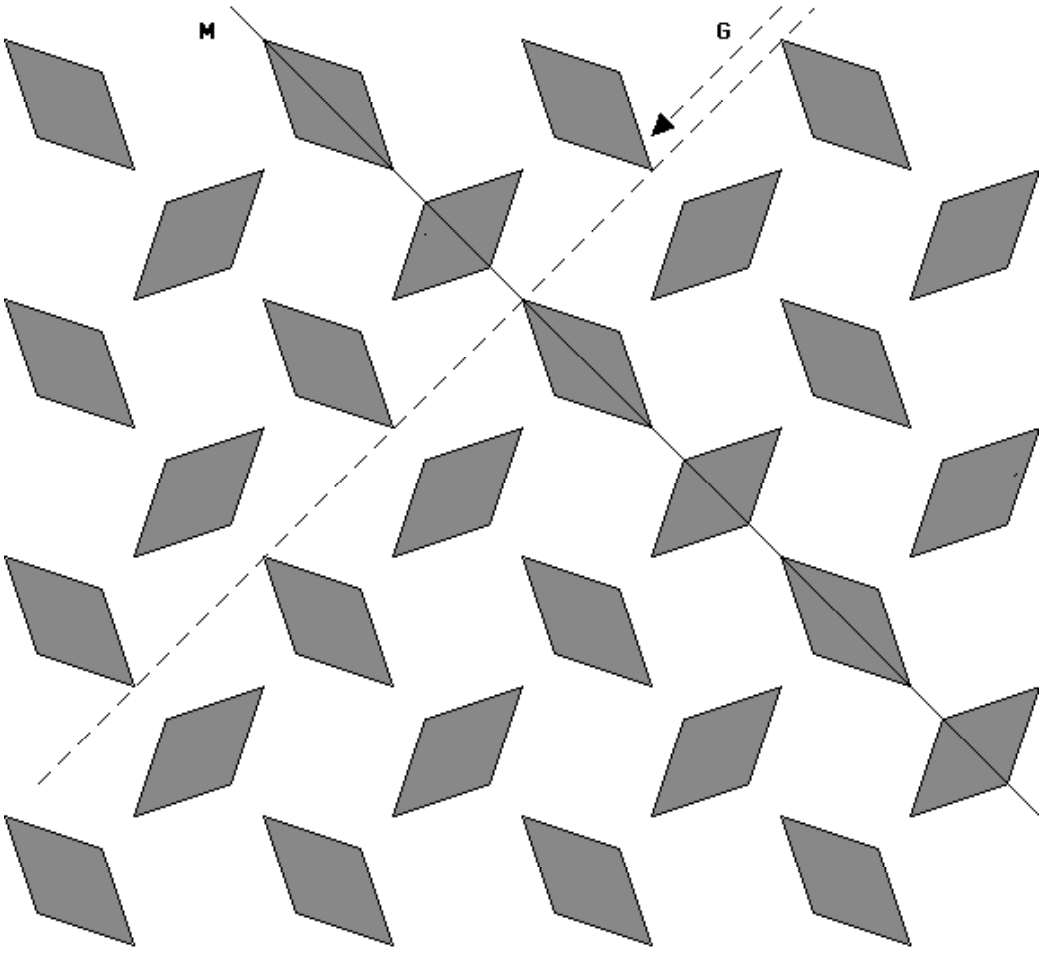
R[r] (clockwise 90^0 rotation **r** under clockwise 90^0 rotation **R**)

(2)



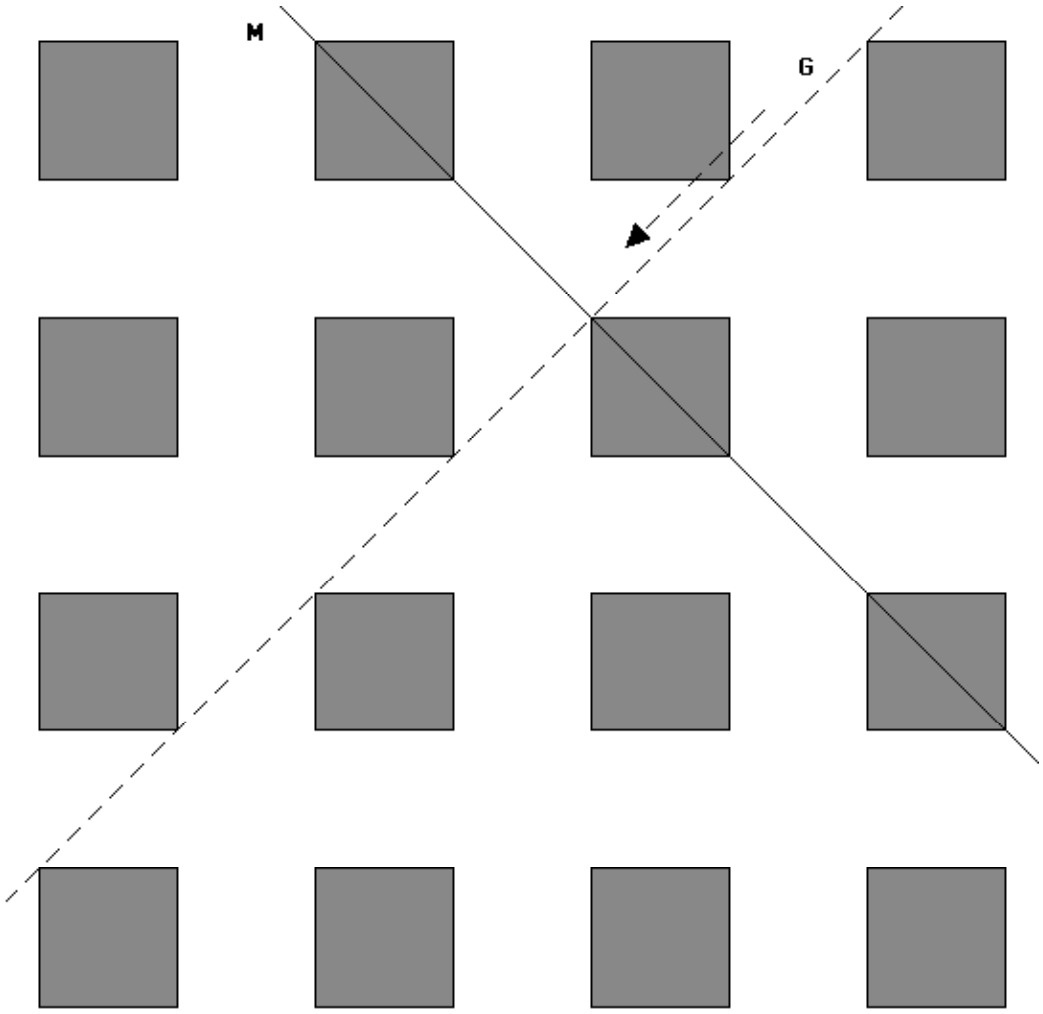
r[R] (clockwise 90^0 rotation **R** under clockwise 90^0 rotation **r**)

(3)



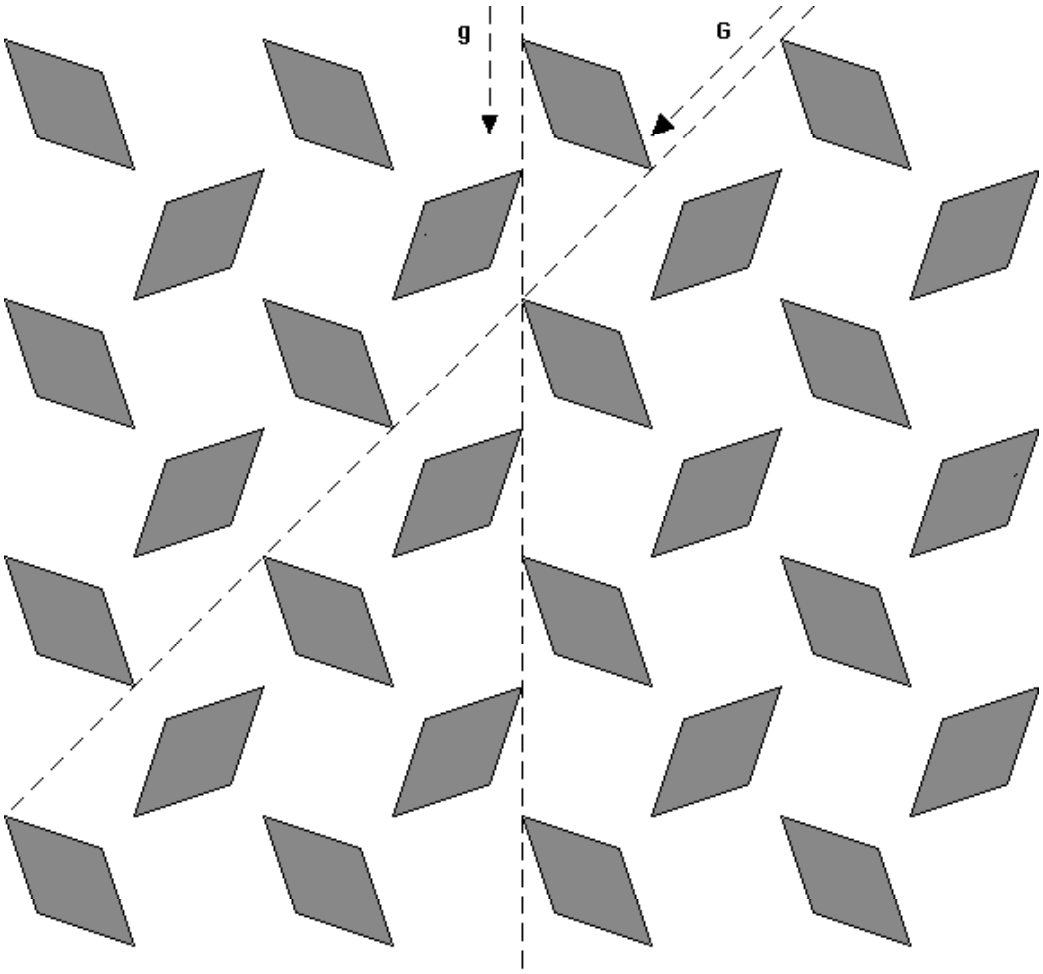
G[M] (reflection **M** under glide reflection **G**)

(4)



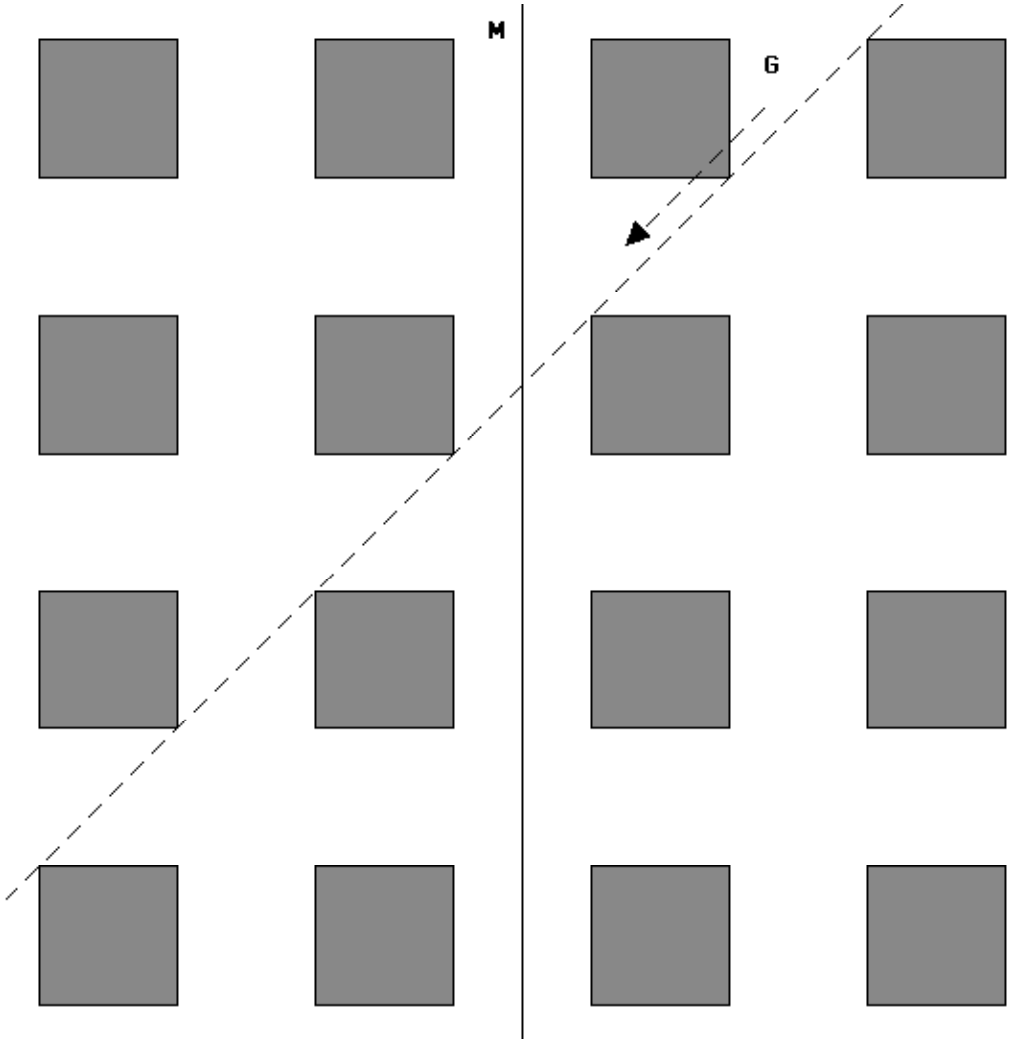
M[G] (glide reflection **G** under reflection **M**)

(5)



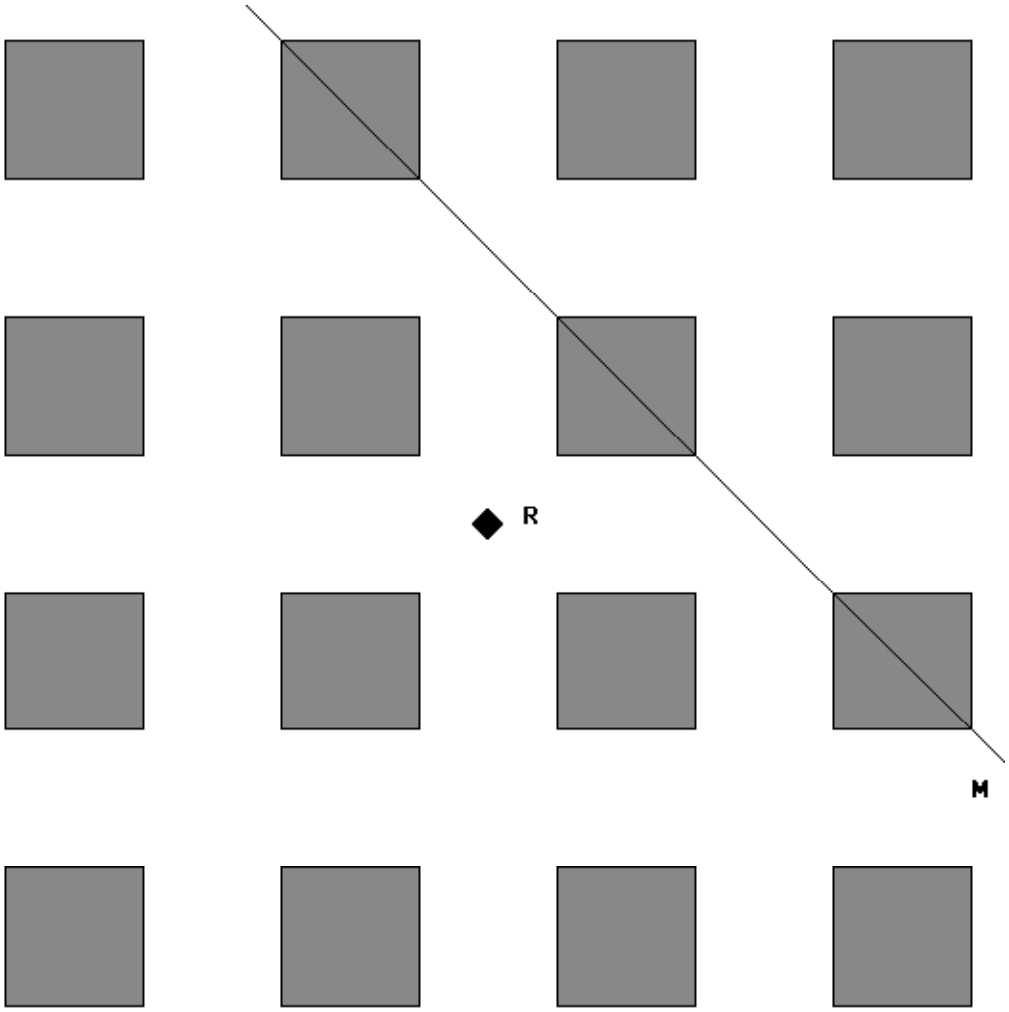
G[g] (glide reflection **g** under glide reflection **G**)

(6)



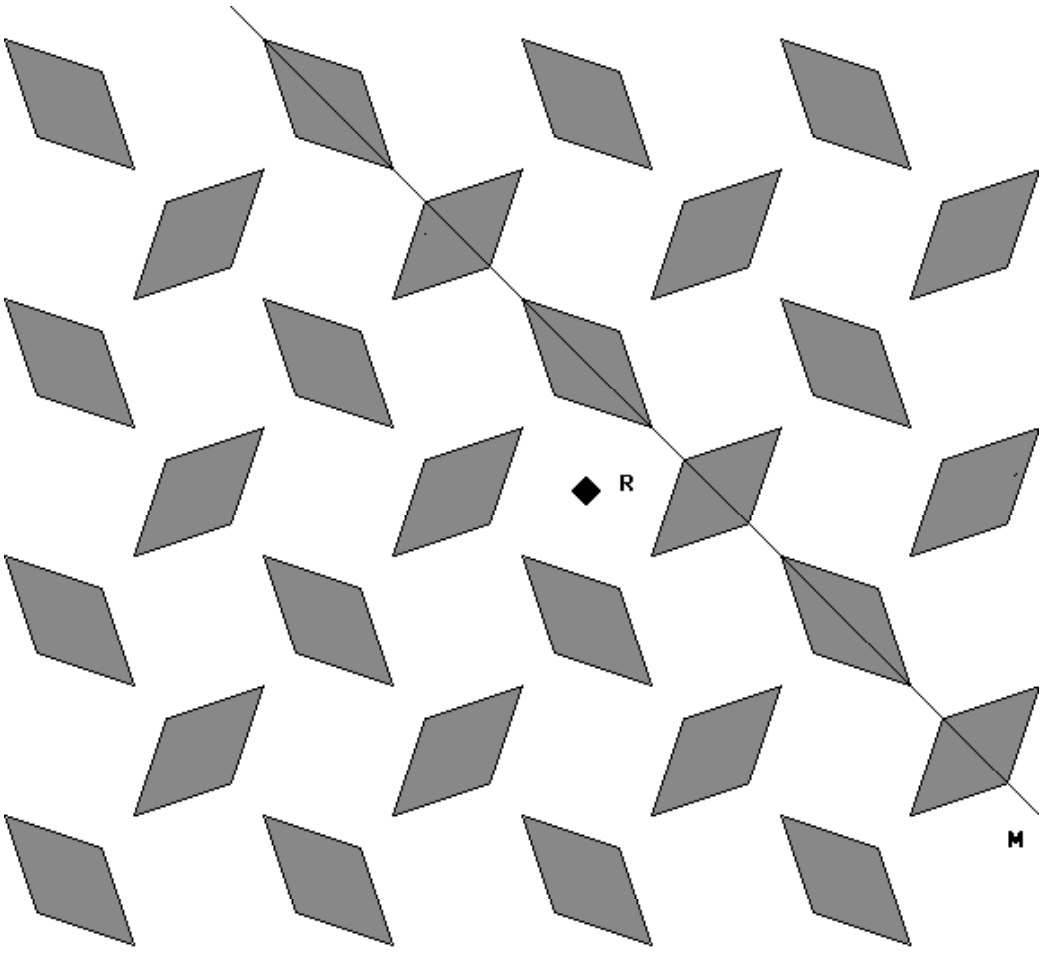
G[M] (reflection **M** under glide reflection **G**)

(7)



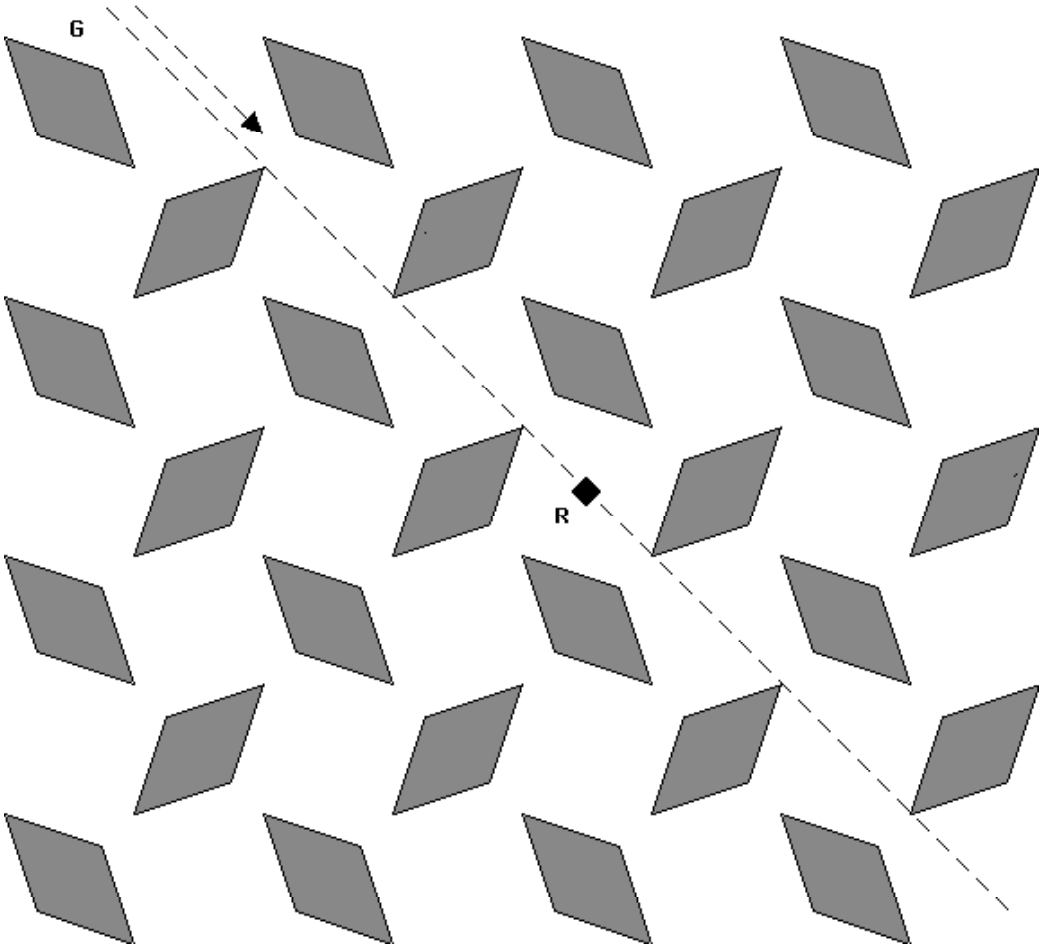
R[M] (reflection **M** under counterclockwise 90^0 rotation **R**)

(8)



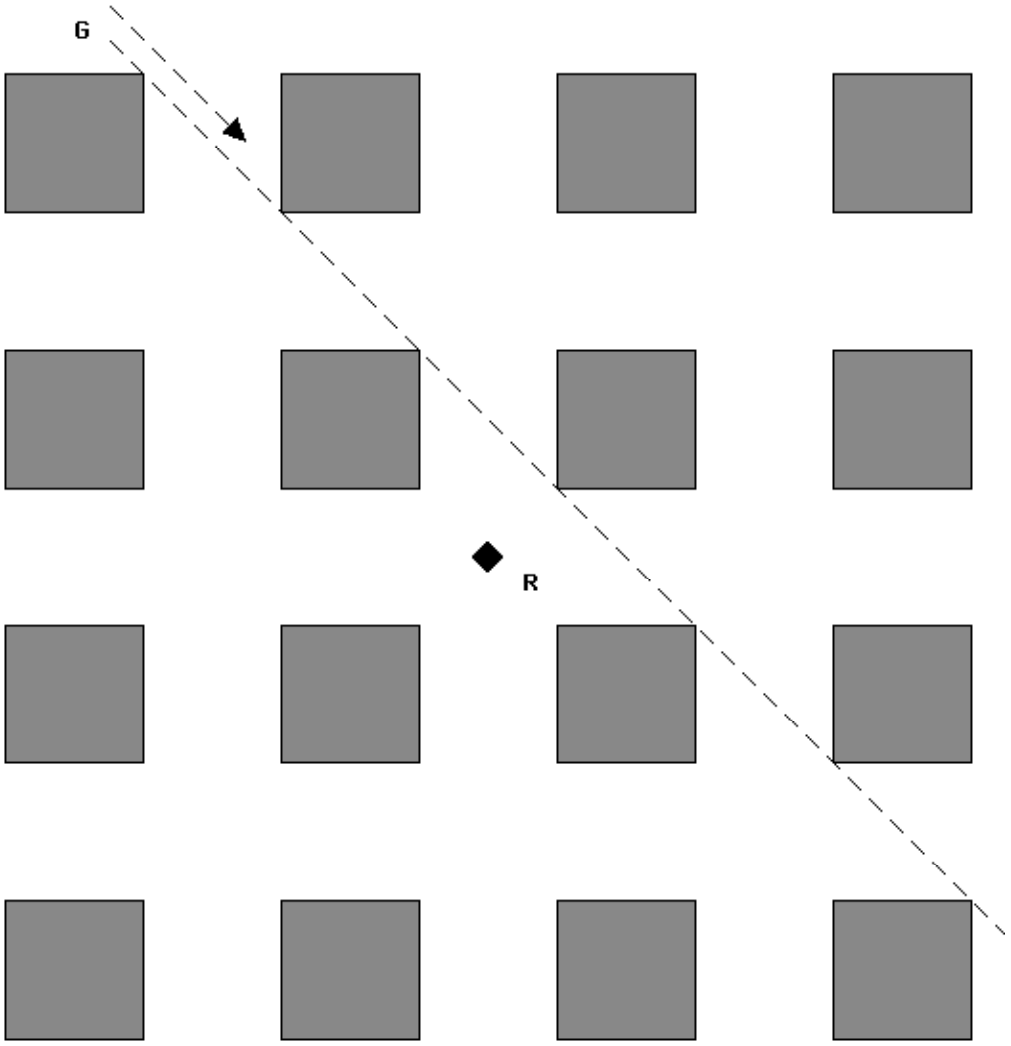
M[R] (counterclockwise 90^0 rotation **R** under reflection **M**)

(9)



G[R] (clockwise 90^0 rotation **R** under glide reflection **G**)

(10)



R[G] (glide reflection **G** under clockwise 90^0 rotation **R**)