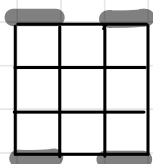
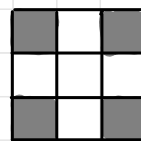
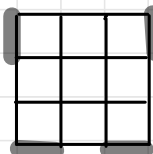


VARIASANO SUBSET



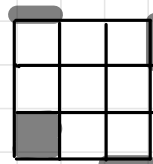
$$R^2 U^2 (R' U^2) R^2$$

(5, 9)



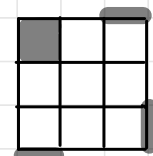
$$(R' U') (R' F R F') (R U') (R' U') R$$

(11, 12)



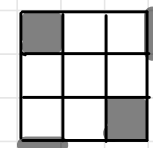
$$(R U R') U (R U^2 R')$$

(7, 8)



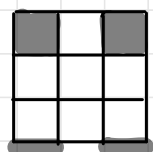
$$(R' U') (R U') (R' U^2) R$$

(7, 8)



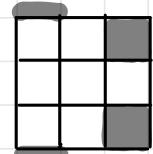
$$(F R' F' R) (U R U' R')$$

(8, 8)



$$(R' U') (F' U) (F R)$$

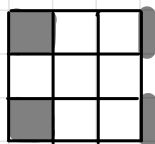
(6, 6)



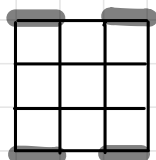
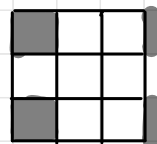
$$(R U R' U') (R' F R F')$$

(8, 8)



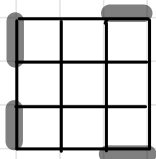


BAR SUBSET



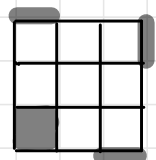
$$(R U)(R^2 U)(R^2 U) R$$

(7,9)



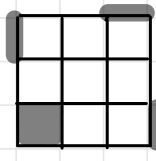
$$(R' F R F')(R' U R')$$

(7,7)



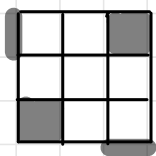
$$U(R' F)(R^2 F') U' R^2$$

(6,8)



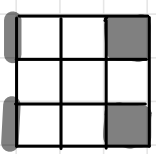
$$(R U R') F (R F') R^2$$

(7,8)



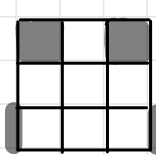
$$(R' U) R^2 (U' R)$$

(5,6)



$$(R^2 U) R^2 (U^2 R)$$

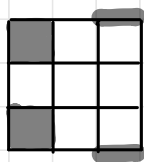
(5,0)



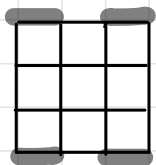
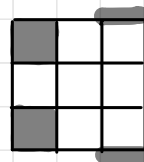
$$(R^2 F)(R^2 F') R^2$$

(5,8)

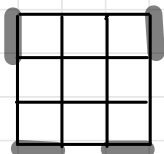




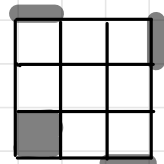
NO BAR SUBSET



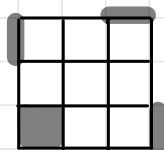
$$(R U^2 R') U^2 (R U^2 R') (U^2 R) \quad (9, 13)$$



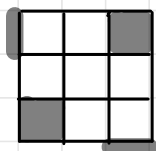
$$(R U R') U (R' U) R^2 \quad (7, 8)$$



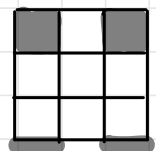
$$Y' (R U^2) (R U^2) (R' B) \quad (6, 8)$$



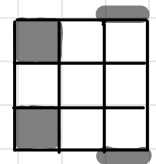
$$(R' F) (D U) (R' U^2) R^2 \quad \star (7, 10)$$



$$(R^2 U) (R' U') (F U') R' \quad (8, 8)$$

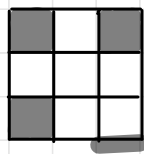


$$X U^2 (R U^2 R') U^2 \quad (5, 8)$$

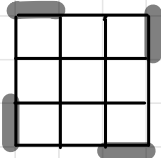
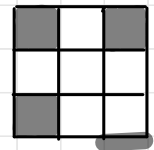


$$(R B^2) U' B^2 \quad (4, 6)$$

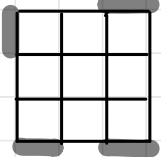
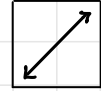




SS SUBSET I

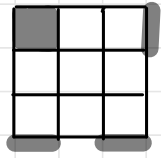
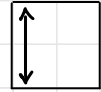


$$D(R'U^2)(R'U)(R'U^2)R' \quad (8,10)$$



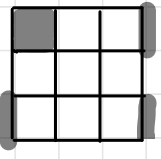
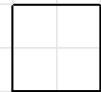
$$(RU')(R^2F)(RF')$$

$$(6,7)$$



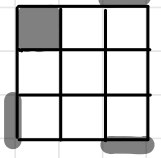
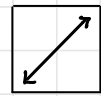
$$(RU')(R'U)(RU')R'$$

$$(7,7)$$



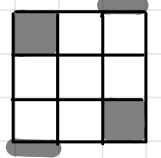
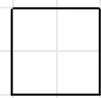
$$(UR)U^2(R'U')(R^2U')R^2$$

$$(7,10)$$



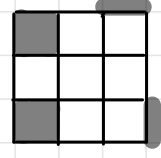
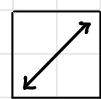
$$D(R'U')(RUR'U')R$$

$$(7,7)$$



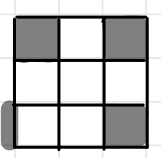
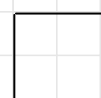
$$(R'U)(RUR')$$

$$(5,5)$$



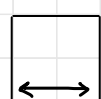
$$(RU')(R'U^2)(RU^2R')$$

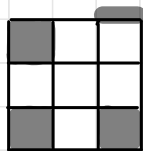
$$(7,9)$$



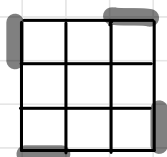
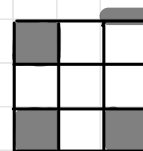
$$F(RF')R'$$

$$(4,4)$$

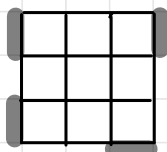




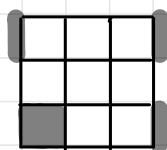
SS SUBSET II



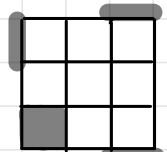
$$(D'R)(U^2R)(U'R)(U^2R) \quad (8,10)$$



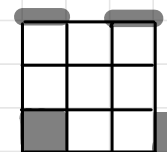
$$(R'U)(R'U^2)(RU')R^2 \quad (7,9)$$



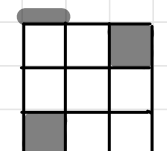
$$(RU R^2)U'(RU R^2) \quad (7,9)$$



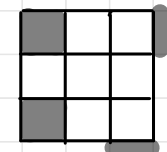
$$(D'R)U(\underline{R'U'})\underline{(RU R')} \quad (8,8)$$



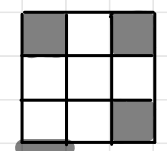
$$(R'UR)U'(R'UR) \quad (7,7)$$



$$(RU'R')(U'R) \quad (5,5)$$

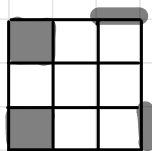


$$(R'U)(RU^2)(R'U^2)R \quad (7,9)$$



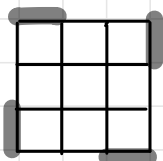
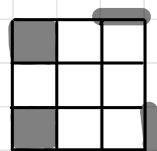
$$(D'F)(RU')R' \quad (5,5)$$





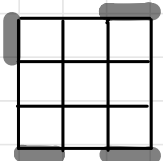
ASYMMETRIC

SUBSET I



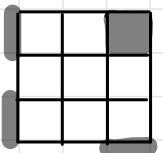
$$(R'U')(R^2U')(R'U')R^2$$

(7,9)



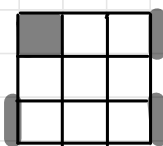
$$(R'U)(R'UR')$$

(5,5)



$$(RUR')U^2R$$

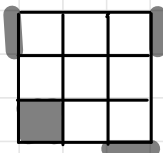
(5,6)



$$(R^2U)(R'F)(R^2F')$$

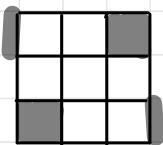


(6,8)



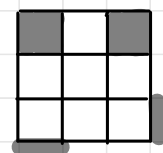
$$(RU')F(RF')$$

(5,5)



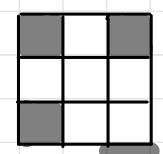
$$(R^2U)(R'U^2)(R'U')R$$

(7,9)



$$\times (RUR'U')(RUR'U')$$

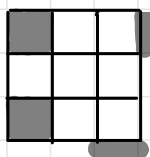
(8,8)



$$F(RU^2R')(U'R)$$

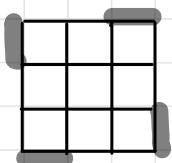
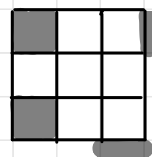
(6,7)





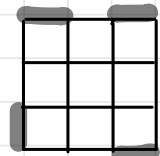
ASYMMETRIC

SUBSET II



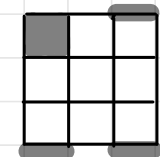
$$(R \cup R) \cup^2 (R \cup R)$$

(7,8)



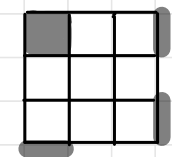
$$(R \cup') (R \cup') R$$

(5,5)



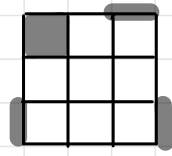
$$F(R^2 F') (R \cup') R^2$$

(6,8)



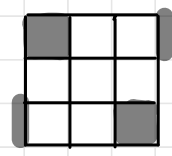
$$\cup^2 (R' \cup') (R \cup^2 R')$$

(6,8)



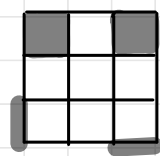
$$(R' \cup) (R' \cup') R$$

(5,5)



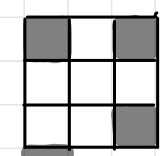
$$(R' \cup) (R \cup^2) (R \cup') R^2$$

(7,9)



$$(F R F' R') (F R F' R')$$

(8,8)



$$D' (R' \cup) (R \cup^2 R') F'$$

(7,8)



SI S9