

$A = (123)$

$B = (321)$

$C = (12)$

$D = (13)$

$F = (23)$

$\otimes$	(0,E)	(1,E)	(2,E)	(0,A)	(1,A)	(2,A)	(0,B)	(1,B)	(2,B)	(0,C)	(1,C)	(2,C)	(0,D)	(1,D)	(2,D)	(0,F)	(1,F)	(2,F)
(0,E)	(0,E)	(1,E)	(2,E)	(0,A)	(1,A)	(2,A)	(0,B)	(1,B)	(2,B)	(0,C)	(1,C)	(2,C)	(0,D)	(1,D)	(2,D)	(0,F)	(1,F)	(2,F)
(1,E)	(1,E)	(2,E)	(0,E)	(1,A)	(2,A)	(0,A)	(1,B)	(2,B)	(0,B)	(1,C)	(2,C)	(0,C)	(1,D)	(2,D)	(0,D)	(1,F)	(2,F)	(0,F)
(2,E)	(2,E)	(0,E)	(1,E)	(2,A)	(0,A)	(1,A)	(2,B)	(0,B)	(1,B)	(2,C)	(0,C)	(1,C)	(2,D)	(0,D)	(1,D)	(2,F)	(0,F)	(1,F)
(0,A)	(0,A)	(1,A)	(2,A)	(0,B)	(1,B)	(2,B)	(0,E)	(1,E)	(2,E)	(0,D)	(1,D)	(2,D)	(0,F)	(1,F)	(2,F)	(0,C)	(1,C)	(2,C)
(1,A)	(1,A)	(2,A)	(0,A)	(1,B)	(2,B)	(0,B)	(1,E)	(2,E)	(0,E)	(1,D)	(2,D)	(0,D)	(1,F)	(2,F)	(0,F)	(1,C)	(2,C)	(0,
(2,A)	(2,A)	(0,A)	(1,A)	(2,B)	(0,B)	(1,B)	(2,E)	(0,E)	(1,E)	(2,D)	(0,D)	(1,D)	(2,F)	(0,F)	(1,F)	(2,C)	(0,C)	(1,C)
(0,B)	(0,B)	(1,B)	(2,B)	(0,E)	(1,E)	(2,E)	(0,A)	(1,A)	(2,A)	(0,F)	(1,F)	(2,F)	(0,C)	(1,C)	(2,C)	(0,D)	(1,D)	(2,D)
(1,B)	(1,B)	(2,B)	(0,B)	(1,E)	(2,E)	(0,E)	(1,A)	(2,A)	(0,A)	(1,F)	(2,F)	(0,F)	(1,C)	(2,C)	(0,C)	(1,D)	(2,D)	(0,D)
(2,B)	(2,B)	(0,B)	(1,B)	(2,E)	(0,E)	(1,E)	(2,A)	(0,A)	(1,A)	(2,F)	(0,F)	(1,F)	(2,C)	(0,C)	(1,C)	(2,D)	(0,D)	(1,D)
(0,C)	(0,C)	(1,C)	(2,C)	(0,F)	(1,F)	(2,F)	(0,D)	(1,D)	(2,D)	(0,E)	(1,E)	(2,E)	(0,B)	(1,B)	(2,B)	(0,A)	(1,A)	(2,A)
(1,C)	(1,C)	(2,C)	(0,C)	(1,F)	(2,F)	(0,F)	(1,D)	(2,D)	(0,D)	(1,E)	(2,E)	(0,E)	(1,B)	(2,B)	(0,B)	(1,A)	(2,A)	(0,A)
(2,C)	(2,C)	(0,C)	(1,C)	(2,F)	(0,F)	(1,F)	(2,D)	(0,D)	(1,D)	(2,E)	(0,E)	(1,E)	(2,B)	(0,B)	(1,B)	(2,A)	(0,A)	(1,A)
(0,D)	(0,D)	(1,D)	(2,D)	(0,C)	(1,C)	(2,C)	(0,F)	(1,F)	(2,F)	(0,A)	(1,A)	(2,A)	(0,E)	(1,E)	(2,E)	(0,B)	(1,B)	(2,B)
(1,D)	(1,D)	(2,D)	(0,D)	(1,C)	(2,C)	(0,C)	(1,F)	(2,F)	(0,F)	(1,A)	(2,A)	(0,A)	(1,E)	(2,E)	(0,E)	(1,B)	(2,B)	(0,B)
(2,D)	(2,D)	(0,D)	(1,D)	(2,C)	(0,C)	(1,C)	(2,F)	(0,F)	(1,F)	(2,A)	(0,A)	(1,A)	(2,E)	(0,E)	(1,E)	(2,B)	(0,B)	(1,B)
(0,F)	(0,F)	(1,F)	(2,F)	(0,D)	(1,D)	(2,D)	(0,C)	(1,C)	(2,C)	(0,B)	(1,B)	(2,B)	(0,A)	(1,A)	(2,A)	(0,E)	(1,E)	(2,E)
(1,F)	(1,F)	(2,F)	(0,F)	(1,D)	(2,D)	(0,D)	(1,C)	(2,C)	(0,C)	(1,B)	(2,B)	(0,B)	(1,A)	(2,A)	(0,A)	(1,E)	(2,E)	(0,E)
(2,F)	(2,F)	(0,F)	(1,F)	(2,D)	(0,D)	(1,D)	(2,C)	(0,C)	(1,C)	(2,B)	(0,B)	(1,B)	(2,A)	(0,A)	(1,A)	(2,E)	(0,E)	(1,E)