






Problem Set - 03

22/01/2020

1. Complete the character table (real characters) for the group D_5 ,

Class	$n(C)$	χ_0	χ_1	χ_2	χ_3
C_0	1	1	1	2	2
C_1	5	1	-1	0	0
C_2	2	1	1		
C_3	2	1	1		

2. Complete the character table (real characters) for the group S_4 ,

Class	$n(C)$	χ_0	χ_1	χ_2	χ_3	χ_4
			2			
			0			
			2			
			-1			
			0			