

4.1.4

$\chi_1 = 1, \chi_2 = (12), \chi_3 = (13), \chi_4 = (23), \chi_5 = (123), \chi_6 = (132) \text{ と } \chi_6 = (231)$

$$\text{Ad}((123))(\chi_1) = \chi_1 \quad \text{Ad}((123))(\chi_2) = (23) = \chi_4$$

$$\text{Ad}((123))(\chi_3) = (12) = \chi_2 \quad \text{Ad}((123))(\chi_4) = (13) = \chi_3$$

$$\text{Ad}((123))(\chi_5) = (231) = \chi_5 \quad \text{Ad}((123))(\chi_6) = (213) = \chi_6$$

5.7

$$\rho((123)) = (243).$$

補題 4.2.2E 使用楽