

ADVANCED CHEMISTRY

INORGANIC CHEMISTRY - WINTER - WEEK ③

Chapter 4

④ (a) D_{2h} (b) C_{2v} (c) C_{2h} (d) C_s

⑤ (a) C_{2h} (b) D_{6h} (c) C_s (d) C_{3v} (e) C_2

(f) C_{2v} (g) D_{4d} (h) D_{3h} (i) D_3 (j) D_{2d}

⑨ (a) CO_2 $D_{\infty h}$ (b) $CO_2 = D_{\infty h}$

SO_3 D_{3h} COF_2 C_{2v}

CH_4 T_d NO_2^- C_{2v}

PCl_5 D_{3h} SO_3 D_{3h}

SF_6 O_h SNF_3 C_{3v}

IF_7 D_{5h} SO_2Cl_2 C_{2v}

TaF_8^{3-} D_{4d} XeO_3 C_{3v}

SO_4^{2-} T_d

SOF_4 C_{2v}

ClO_2F_2 C_{2v}

XeF_2O_3 D_{3h}

IF_5O C_{4v}

