

1. READING

Read Sections 1.6 and 1.7 (focussing on 1.6).

- (1) **Haoyu** should explain the construction of the Cayley graph of SYM_4 with respect to $\{(1\ 2), (1\ 2\ 3)\}$ (Section 1.6.2)
- (2) **Yusheng** should explain the construction of the Cayley graph of $SYM(\text{cube})$ in Section 1.6.3.
- (3) **Raj** should explain the statement and proof of Theorem 1.51.

2. HOMEWORK:

- (1) Do Exercises (7) and (16) on pages 40 - 41.