

References:

- Computers & Intractability, Garey & Johnson
- CLRS (3rd ed.) chap. 34 (p. 1048)

Exercise: Prove that $\mathcal{P}$ is closed under the algebraic ops. on p. 7 of handout. i.e. if $L_1, L_2 \in \mathcal{P}$, then $L_1 \cup L_2, L_1 \cap L_2, L_1 L_2, \bar{L}_1, L_1^K, L_1^*$ are also in $\mathcal{P}$.

SEE NP-Completeness-2, Pdf