

計算理論 Theory of Computation (705 30400)

Exercise

1. Exercise 3 (a), (b), (c), (d) p. 319.
2. Exercise 6 p. 320.
3. Exercise 12 (a), (b) p. 321.
4. Let R be a regular language, and L be a context-free language. Is $L - R$ context-free? Can $L - R$ be regular?
5. Show that language $\{a^{[n^2]} \mid n \geq 1\}$ is not a context-free language.