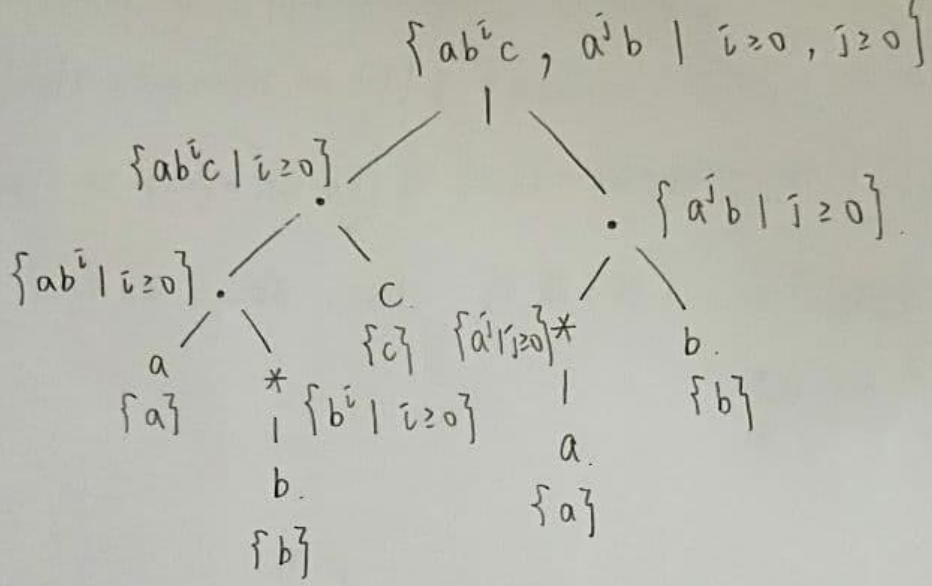
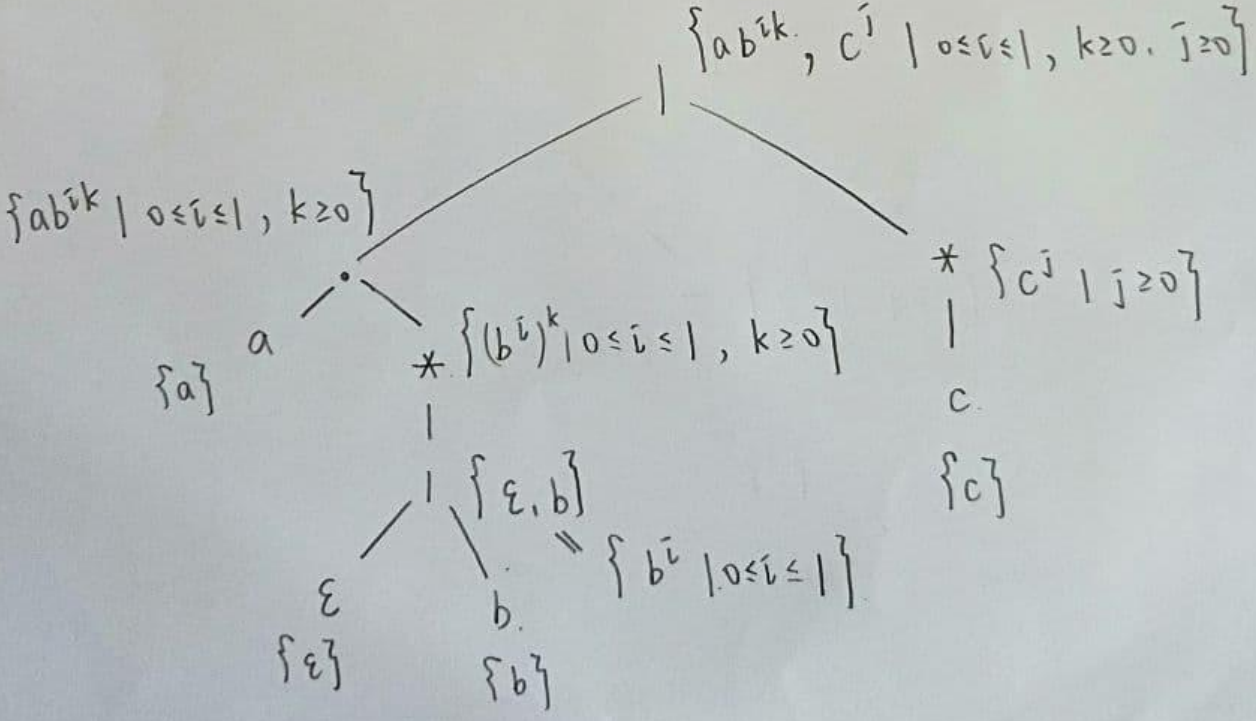
407210013
數學三
曾峻麒
編譯 H.W1

1.

(a) $ab^*c \mid a^*b$



(b) $a(\varepsilon \mid b)^* \mid c^*$



2.

(a) ∵ _a_e_i_o_u_

⇒ [b-df-hj-np-tv-z]* a (([b-df-hj-np-tv-z]|a)* e (([b-df-hj-np-tv-z]|e)* i (([b-df-hj-np-tv-z]|i)* o (([b-df-hj-np-tv-z]|o)* u (([b-df-hj-np-tv-z]|u)*

(b) ∵ a後只能一个b，b後不限制，b_，ab_，a_

⇒ b* a* b? a*