

28/09/11

Πορτιοσπιο 3^ο

Μικρο Ακρίματα 2 από 1^η Σελίδα Ακρίματων

$$f_{i+2} = f_{i+1} + f_i$$

$$f_0 = 0$$

$$f_1 = 1$$

$$f_n = f_{n-1} F_{i+1} + f_{n-2} F_i \quad 0 \leq i \leq n-1$$

Βασικ: $i=0$

$$f_n = f_{n-1} f_1 + f_{n-2} f_0 = f_n$$

Ε.Υ: $i=k$

$$f_n = \underbrace{f_{n-k} f_{k+1}}_2 + \underbrace{f_{n-k-1} f_k}_1$$

ΕΒ: $i=k+1$

$$f_{n-(k+1)} f_{(k+1)+1} + f_{n-(k+1)-1} f_{k+1}$$

$$= f_{n-k-1} f_{k+2} + f_{n-k-2} f_{k+1}$$

$$= f_{n-k-1} (f_{k+1} + f_k) + (f_{n-k} - f_{n-k-1}) f_{k+1}$$

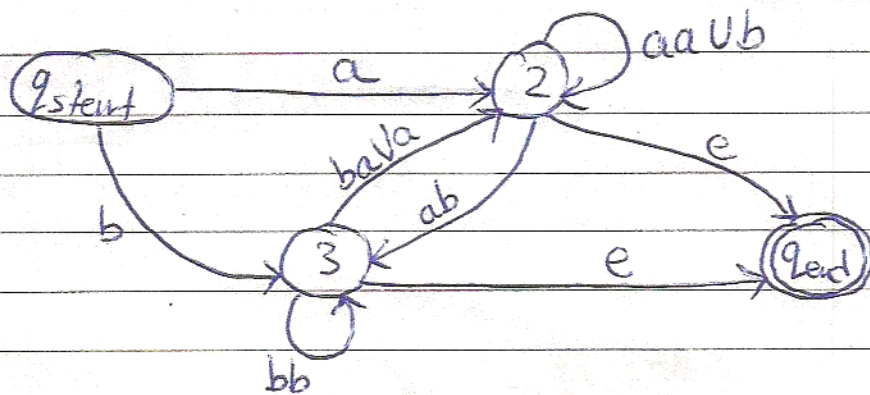
$$= \cancel{f_{n-k-1} f_{k+1}} + \underbrace{f_{n-k-1} f_k}_1 + \underbrace{f_{n-k} f_{k+1}}_2 - \cancel{f_{n-k-1} f_{k+1}}$$

$$= f_n$$



$$\delta'(q_2, q_2) = a \phi^* a \cup b = aa \cup b$$

$$\delta'(q_2, q_3) = b \phi b \cup \phi = bb$$



Abkürzungen einzeichnen

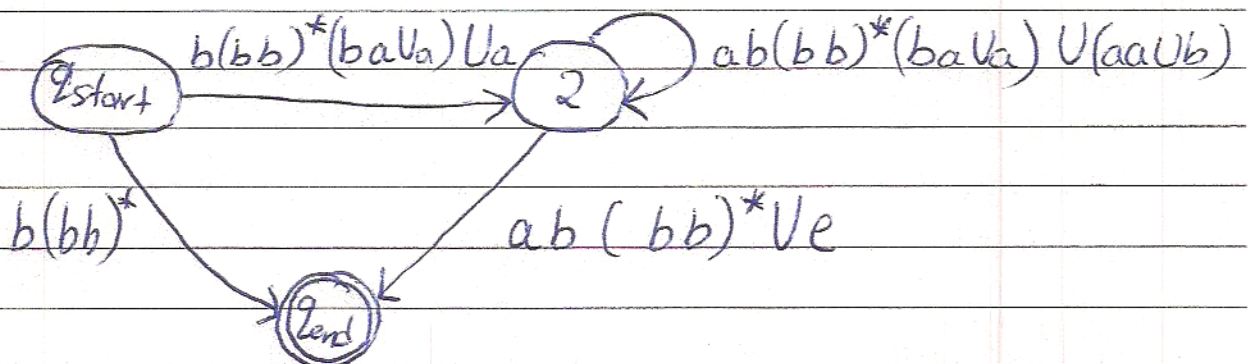
$$Q = \{q_{\text{start}}, q_{\text{end}}, 2\}$$

$$\delta'(q_{\text{start}}, q_2) = b(bb)^*(ba \cup a) \cup a$$

$$\delta'(q_2, q_{\text{end}}) = ab(bb)^*e \cup e = ab(bb)^* \cup e$$

$$\delta'(q_2, q_2) = ab(bb)^*(ba \cup a) \cup (aa \cup b)$$

$$\delta'(q_{\text{start}}, q_{\text{end}}) = b(bb)^*e \cup \phi = b(bb)^*$$



Apparatuur en configuratie 2

$$Q = \{q_{\text{start}}, q_{\text{end}}\}$$

$$\delta'(q_{\text{start}}, q_{\text{end}}) = \underbrace{(b(bb)^*(ba \cup b) \cup a)}_{R_1} \cdot \underbrace{(ab(bb)^*(ba \cup a) \cup (aa \cup b))^*}_{R_2} \\ \cdot \underbrace{(ab(bb)^* \cup e)}_{R_3} \cup \underbrace{(b(bb)^*)}_{R_4}$$

