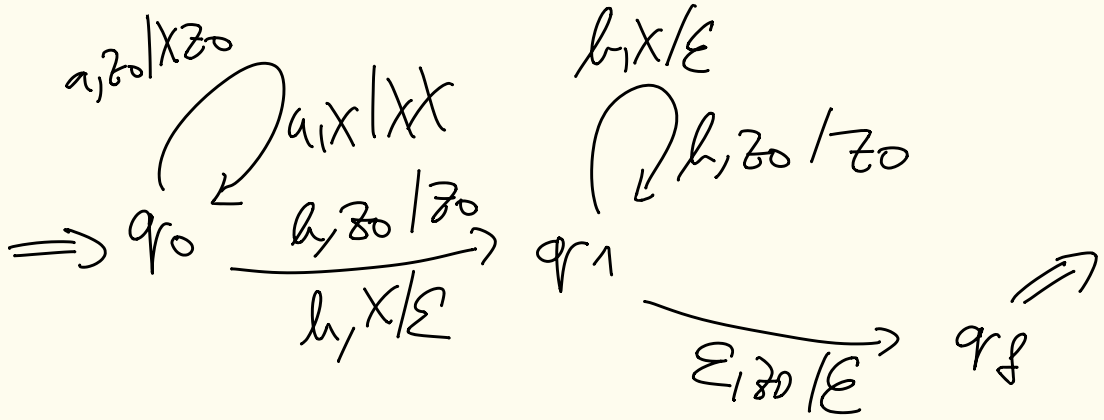

$\Gamma = \{Z_0, X\}$

$\Sigma = \{a, b\}$

$Q = \{q_0, q_1, q_2\}$

pusce und slovom $w_1 = aabbba$

$(q_0, aabbba, Z_0) \vdash (q_0, abbba, XZ_0)$

$\vdash (q_0, bbba, XXZ_0) \vdash (q_1, bba, XZ_0)$

$\vdash (q_1, a, Z_0) \vdash (q_f, a, \varepsilon)$ konec neúspěch

$w_2 = abbbb$

$(q_0, abbbb, Z_0) \vdash (q_0, bbb, XZ_0) \vdash (q_1, bb, Z_0) \vdash (q_f, b, \varepsilon)$

$\nwarrow (q_1, b, Z_0) \vdash$

$\vdash (q_1, \varepsilon, Z_0) \vdash$

$(q_f, \varepsilon, \varepsilon)$ úspěch

$a^i b^j$

$i \leq j$

když $i = 0$, tak $j \geq 1$

$L(A) = N(A) = \{a^i b^j \mid 0 \leq i \leq j\} \setminus \{\varepsilon\}$

$L \subseteq L(A)$

$(q_0, a^i b^j, Z_0) \vdash^{(i)} (q_0, b^j, X^i Z_0) \vdash^{(i)} (q_1, b^{j-i}, Z_0)$

$\vdash^{(j-i)} (q_1, \varepsilon, Z_0) \vdash (q_f, \varepsilon, \varepsilon)$

$L(A) \subseteq L$ → dokumentovat že neprijme více než L