$\begin{array}{ll} PDA & M = (0.2.5, 99.4), (8.5) = f(9.00), (9.0$ 

子(a) 起始年刊: S→[q Zop] S→[q Zoq]

(1)  $\begin{array}{c} [q & q] \rightarrow 1[q & q] (q & q) \\ [q & e^{-1}] \rightarrow 1[q & p] [q & q) \\ [q & e^{-1}] \rightarrow 1[q & p] [q & q) \\ [q & e^{-1}] \rightarrow 1[q & p] [q & q) \\ [q & e^{-1}] \rightarrow 1[q & p] [q & p] \\ [q & e^{-1}] \rightarrow 1[q & p] [q] \\ [q & e^{-1}] \rightarrow 1[q & p] [q] \\ [q & e^{-1}] \rightarrow 1[q & p] [q] \\ [q & e^{-1}] \rightarrow 1[q & p] [q] \\ [q & e^{-1}] \rightarrow 1[q & p] [q] \\ [q & e^{-1}] \rightarrow 1[q & p] [q] \\ [q & e^{-1}] \rightarrow 1[q & p] [q] \\ [q & e^{-1}] \rightarrow 1[q & p] [q] \\ [q & e^{-1}] \rightarrow 1[q & p] [q] \\ [$ 

 $\begin{array}{ccc} (3) & (3 \times 3) \rightarrow (2 \times 3) & (3 \times 3) & ($ 

(アXP) → O[PXP] 不成核 (アXP) → O[PXP] 火電子

(4) (729) → 医 海核

(5)[pXp] →1

16) 「アを引→の「子を行」 みを検 「アモタリ→の「子をp]