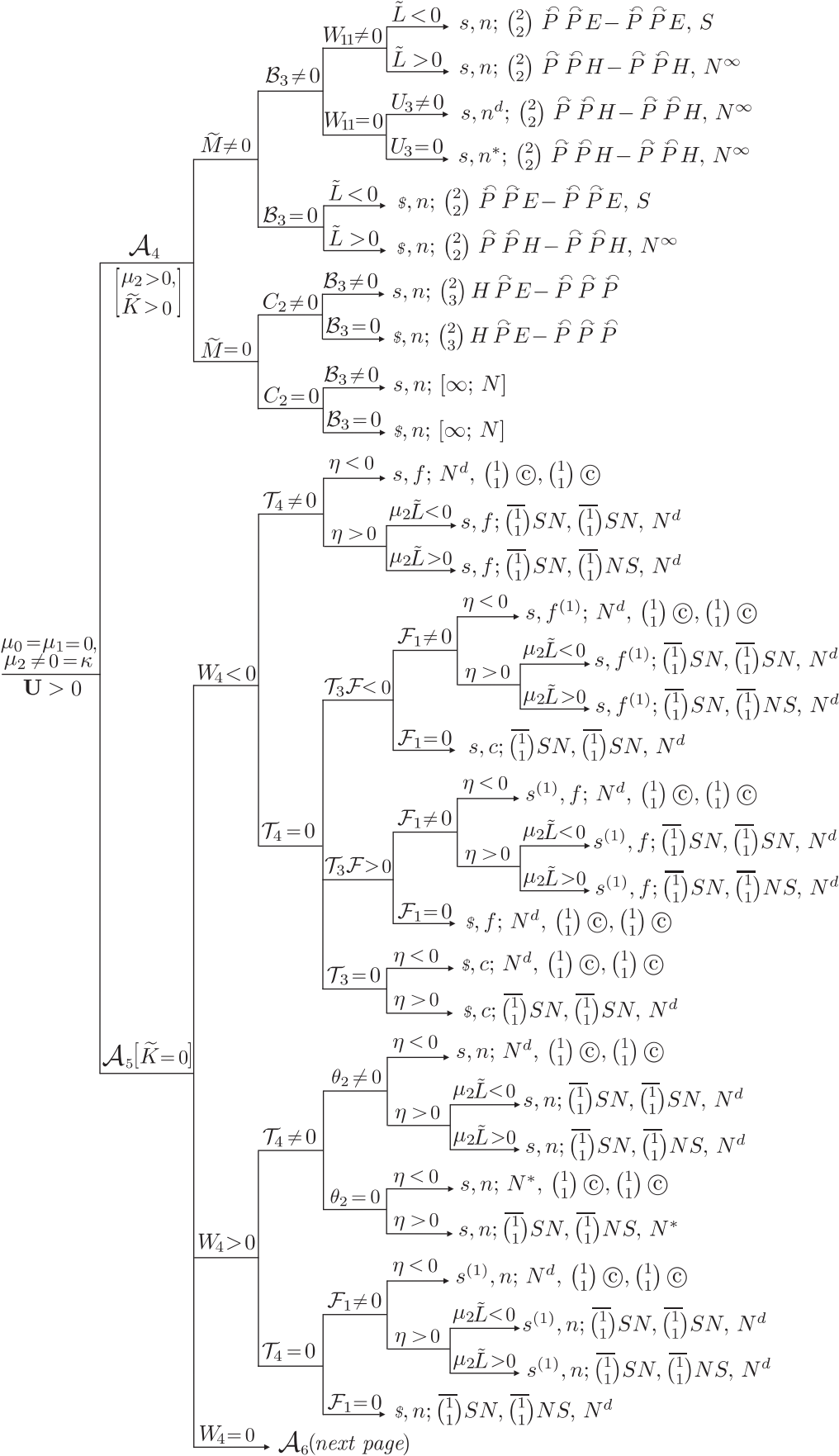
$\mu_0=\mu_1=0,$
$\mu_2\neq 0=\kappa$
$\mathbf{U}>0$
$\mathcal{A}_4$
$\left[\begin{matrix}\mu_2>0,\\ \widetilde{K}>0\end{matrix}\right]$
$\widetilde{M}\neq 0$
$\mathcal{B}_3\neq 0$
$W_{11}\neq 0$
$\tilde{L}<0$ $s,n;\ \binom{2}{2}\ \widehat{P}\ \widehat{P}E-\widehat{P}\ \widehat{P}E,\ S$
$\tilde{L}>0$ $s,n;\ \binom{2}{2}\ \widehat{P}\ \widehat{P}H-\widehat{P}\ \widehat{P}H,\ N^{\infty}$
$W_{11}=0$
$U_3\neq 0$ $s,n^{d};\ \binom{2}{2}\ \widehat{P}\ \widehat{P}H-\widehat{P}\ \widehat{P}H,\ N^{\infty}$
$U_3=0$ $s,n^{*};\ \binom{2}{2}\ \widehat{P}\ \widehat{P}H-\widehat{P}\ \widehat{P}H,\ N^{\infty}$
$\mathcal{B}_3=0$
$\tilde{L}<0$ $\$,n;\ \binom{2}{2}\ \widehat{P}\ \widehat{P}E-\widehat{P}\ \widehat{P}E,\ S$
$\tilde{L}>0$ $\$,n;\ \binom{2}{2}\ \widehat{P}\ \widehat{P}H-\widehat{P}\ \widehat{P}H,\ N^{\infty}$
$\widetilde{M}=0$
$C_2\neq 0$
$\mathcal{B}_3\neq 0$ $s,n;\ \binom{2}{3}\ H\ \widehat{P}E-\widehat{P}\ \widehat{P}\ \widehat{P}$
$\mathcal{B}_3=0$ $\$,n;\ \binom{2}{3}\ H\ \widehat{P}E-\widehat{P}\ \widehat{P}\ \widehat{P}$
$C_2=0$
$\mathcal{B}_3\neq 0$ $s,n;\ [\infty;\ N]$
$\mathcal{B}_3=0$ $\$,n;\ [\infty;\ N]$
$\mathcal{A}_5[\widetilde{K}=0]$
$W_4<0$
$\mathcal{T}_4\neq 0$
$\eta<0$ $s,f;\ N^{d},\ \binom{1}{1}$ ©, $\binom{1}{1}$ ©
$\eta>0$
$\mu_2\tilde{L}<0$ $s,f;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}SN,\ N^{d}$
$\mu_2\tilde{L}>0$ $s,f;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}NS,\ N^{d}$
$\mathcal{T}_4=0$
$\mathcal{T}_3\mathcal{F}<0$
$\mathcal{F}_1\neq 0$
$\eta<0$ $s,f^{(1)};\ N^{d},\ \binom{1}{1}$ ©, $\binom{1}{1}$ ©
$\eta>0$
$\mu_2\tilde{L}<0$ $s,f^{(1)};\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}SN,\ N^{d}$
$\mu_2\tilde{L}>0$ $s,f^{(1)};\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}NS,\ N^{d}$
$\mathcal{F}_1=0$ $s,c;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}SN,\ N^{d}$
$\mathcal{T}_3\mathcal{F}>0$
$\mathcal{F}_1\neq 0$
$\eta<0$ $s^{(1)},f;\ N^{d},\ \binom{1}{1}$ ©, $\binom{1}{1}$ ©
$\eta>0$
$\mu_2\tilde{L}<0$ $s^{(1)},f;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}SN,\ N^{d}$
$\mu_2\tilde{L}>0$ $s^{(1)},f;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}NS,\ N^{d}$
$\mathcal{F}_1=0$ $\$,f;\ N^{d},\ \binom{1}{1}$ ©, $\binom{1}{1}$ ©
$\mathcal{T}_3=0$
$\eta<0$ $\$,c;\ N^{d},\ \binom{1}{1}$ ©, $\binom{1}{1}$ ©
$\eta>0$ $\$,c;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}SN,\ N^{d}$
$W_4>0$
$\mathcal{T}_4\neq 0$
$\theta_2\neq 0$
$\eta<0$ $s,n;\ N^{d},\ \binom{1}{1}$ ©, $\binom{1}{1}$ ©
$\eta>0$
$\mu_2\tilde{L}<0$ $s,n;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}SN,\ N^{d}$
$\mu_2\tilde{L}>0$ $s,n;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}NS,\ N^{d}$
$\theta_2=0$
$\eta<0$ $s,n;\ N^{*},\ \binom{1}{1}$ ©, $\binom{1}{1}$ ©
$\eta>0$ $s,n;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}NS,\ N^{*}$
$\mathcal{T}_4=0$
$\mathcal{F}_1\neq 0$
$\eta<0$ $s^{(1)},n;\ N^{d},\ \binom{1}{1}$ ©, $\binom{1}{1}$ ©
$\eta>0$
$\mu_2\tilde{L}<0$ $s^{(1)},n;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}SN,\ N^{d}$
$\mu_2\tilde{L}>0$ $s^{(1)},n;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}NS,\ N^{d}$
$\mathcal{F}_1=0$ $\$,n;\ \overline{\binom{1}{1}}SN,\ \overline{\binom{1}{1}}NS,\ N^{d}$
$W_4=0$ $\mathcal{A}_6$(*next page*)