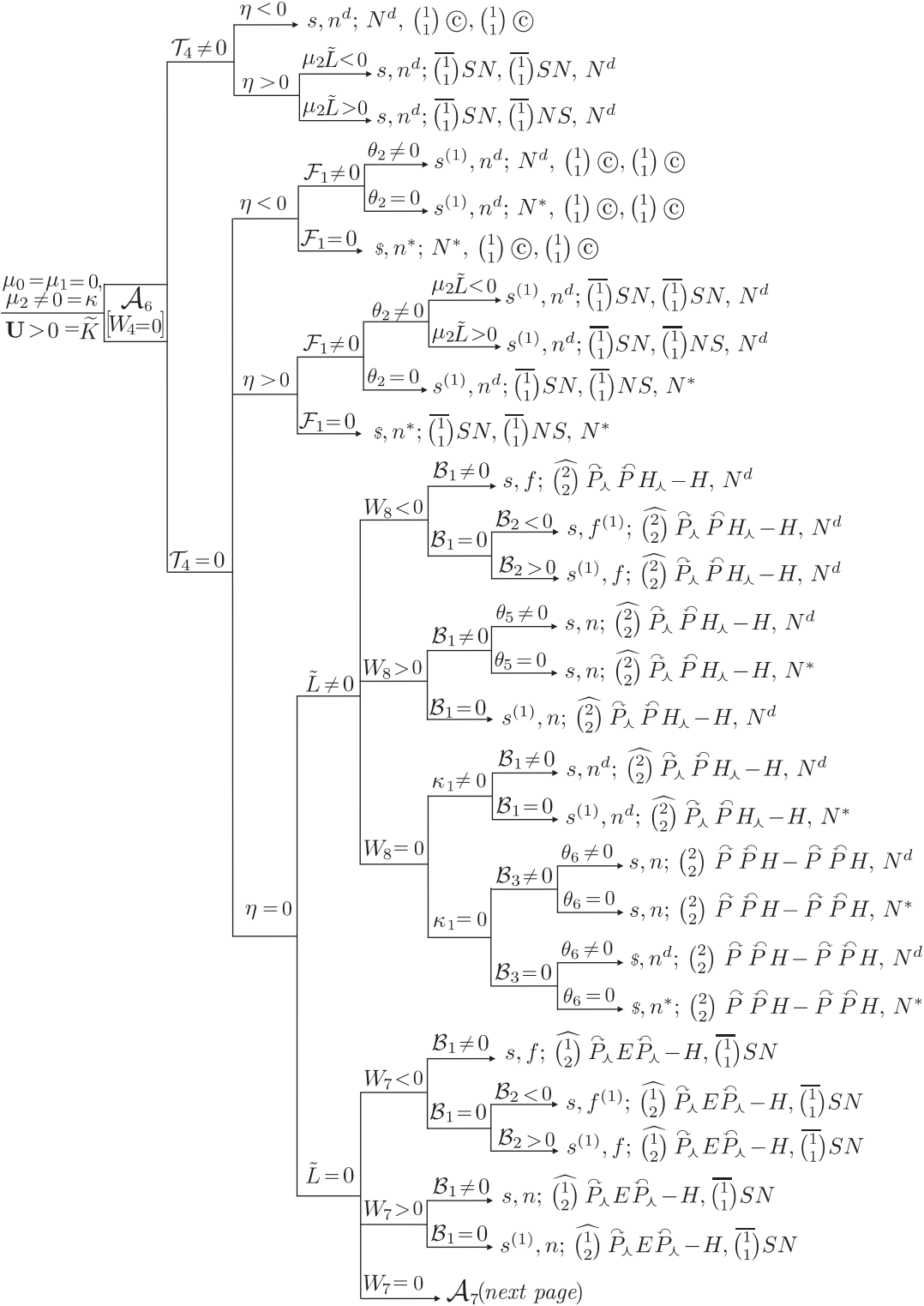
$\mu_0=\mu_1=0,$
$\mu_2\neq 0=\kappa$
$\mathbf{U}>0=\widetilde{K}$
$\mathcal{A}_6$
$[W_4=0]$
$\mathcal{T}_4\neq 0$
$\eta<0$
$s, n^d;\ N^d,\ \binom{1}{1}\textcircled{c}, \binom{1}{1}\textcircled{c}$
$\eta>0$
$\mu_2\tilde{L}<0$
$s, n^d;\ \overline{\binom{1}{1}}SN, \overline{\binom{1}{1}}SN,\ N^d$
$\mu_2\tilde{L}>0$
$s, n^d;\ \overline{\binom{1}{1}}SN, \overline{\binom{1}{1}}NS,\ N^d$
$\eta<0$
$\mathcal{F}_1\neq 0$
$\theta_2\neq 0$
$s^{(1)}, n^d;\ N^d,\ \binom{1}{1}\textcircled{c}, \binom{1}{1}\textcircled{c}$
$\theta_2=0$
$s^{(1)}, n^d;\ N^*,\ \binom{1}{1}\textcircled{c}, \binom{1}{1}\textcircled{c}$
$\mathcal{F}_1=0$
$\$, n^*;\ N^*,\ \binom{1}{1}\textcircled{c}, \binom{1}{1}\textcircled{c}$
$\eta>0$
$\mathcal{F}_1\neq 0$
$\theta_2\neq 0$
$\mu_2\tilde{L}<0$
$s^{(1)}, n^d;\ \overline{\binom{1}{1}}SN, \overline{\binom{1}{1}}SN,\ N^d$
$\mu_2\tilde{L}>0$
$s^{(1)}, n^d;\ \overline{\binom{1}{1}}SN, \overline{\binom{1}{1}}NS,\ N^d$
$\theta_2=0$
$s^{(1)}, n^d;\ \overline{\binom{1}{1}}SN, \overline{\binom{1}{1}}NS,\ N^*$
$\mathcal{F}_1=0$
$\$, n^*;\ \overline{\binom{1}{1}}SN, \overline{\binom{1}{1}}NS,\ N^*$
$\mathcal{T}_4=0$
$W_8<0$
$\mathcal{B}_1\neq 0$
$s, f;\ \widehat{\binom{2}{2}}\,\widehat{P}_{\curlywedge}\,\widehat{P}\,H_{\curlywedge}-H,\ N^d$
$\mathcal{B}_1=0$
$\mathcal{B}_2<0$
$s, f^{(1)};\ \widehat{\binom{2}{2}}\,\widehat{P}_{\curlywedge}\,\widehat{P}\,H_{\curlywedge}-H,\ N^d$
$\mathcal{B}_2>0$
$s^{(1)}, f;\ \widehat{\binom{2}{2}}\,\widehat{P}_{\curlywedge}\,\widehat{P}\,H_{\curlywedge}-H,\ N^d$
$\tilde{L}\neq 0$
$W_8>0$
$\mathcal{B}_1\neq 0$
$\theta_5\neq 0$
$s, n;\ \widehat{\binom{2}{2}}\,\widehat{P}_{\curlywedge}\,\widehat{P}\,H_{\curlywedge}-H,\ N^d$
$\theta_5=0$
$s, n;\ \widehat{\binom{2}{2}}\,\widehat{P}_{\curlywedge}\,\widehat{P}\,H_{\curlywedge}-H,\ N^*$
$\mathcal{B}_1=0$
$s^{(1)}, n;\ \widehat{\binom{2}{2}}\,\widehat{P}_{\curlywedge}\,\widehat{P}\,H_{\curlywedge}-H,\ N^d$
$W_8=0$
$\kappa_1\neq 0$
$\mathcal{B}_1\neq 0$
$s, n^d;\ \widehat{\binom{2}{2}}\,\widehat{P}_{\curlywedge}\,\widehat{P}\,H_{\curlywedge}-H,\ N^d$
$\mathcal{B}_1=0$
$s^{(1)}, n^d;\ \widehat{\binom{2}{2}}\,\widehat{P}_{\curlywedge}\,\widehat{P}\,H_{\curlywedge}-H,\ N^*$
$\kappa_1=0$
$\mathcal{B}_3\neq 0$
$\theta_6\neq 0$
$s, n;\ \binom{2}{2}\,\widehat{P}\,\widehat{P}\,H-\widehat{P}\,\widehat{P}\,H,\ N^d$
$\theta_6=0$
$s, n;\ \binom{2}{2}\,\widehat{P}\,\widehat{P}\,H-\widehat{P}\,\widehat{P}\,H,\ N^*$
$\mathcal{B}_3=0$
$\theta_6\neq 0$
$\$, n^d;\ \binom{2}{2}\,\widehat{P}\,\widehat{P}\,H-\widehat{P}\,\widehat{P}\,H,\ N^d$
$\theta_6=0$
$\$, n^*;\ \binom{2}{2}\,\widehat{P}\,\widehat{P}\,H-\widehat{P}\,\widehat{P}\,H,\ N^*$
$\eta=0$
$\tilde{L}=0$
$W_7<0$
$\mathcal{B}_1\neq 0$
$s, f;\ \widehat{\binom{1}{2}}\,\widehat{P}_{\curlywedge}E\widehat{P}_{\curlywedge}-H, \overline{\binom{1}{1}}SN$
$\mathcal{B}_1=0$
$\mathcal{B}_2<0$
$s, f^{(1)};\ \widehat{\binom{1}{2}}\,\widehat{P}_{\curlywedge}E\widehat{P}_{\curlywedge}-H, \overline{\binom{1}{1}}SN$
$\mathcal{B}_2>0$
$s^{(1)}, f;\ \widehat{\binom{1}{2}}\,\widehat{P}_{\curlywedge}E\widehat{P}_{\curlywedge}-H, \overline{\binom{1}{1}}SN$
$\tilde{L}=0$
$W_7>0$
$\mathcal{B}_1\neq 0$
$s, n;\ \widehat{\binom{1}{2}}\,\widehat{P}_{\curlywedge}E\widehat{P}_{\curlywedge}-H, \overline{\binom{1}{1}}SN$
$\mathcal{B}_1=0$
$s^{(1)}, n;\ \widehat{\binom{1}{2}}\,\widehat{P}_{\curlywedge}E\widehat{P}_{\curlywedge}-H, \overline{\binom{1}{1}}SN$
$W_7=0$
$\mathcal{A}_7$(*next page*)