$$\begin{array}{c} \dot{y} = 0 \wedge \ddot{y} < 0? \\ \hline \\ \textbf{Peak Tracking} \\ \hline \\ \dot{t} = 1 \\ \dot{t_p} = 0 \\ \hline \\ \dot{t} = 1 \\ \dot{t_p} = 0 \\ \hline \\ Th = 0 \\ \hline \\ (y \geq Th) \wedge \\ \hline \\ (t - t_p \geq MinTP \wedge f == 1? \\ \hline \\ eF \leftarrow (-1/3)*ln\{\frac{minTh}{Th}\} \\ \hline \\ t_p \leftarrow t \\ \hline \\ y_M \leftarrow 0 \\ f \leftarrow 0 \\ \hline \\ eF \leftarrow (-\frac{1}{3})*ln\{\frac{minTh}{Th}\} \\ \hline \\ t_p = 0 \\ \hline \\ t_p \leftarrow t \\ \hline \\ t_p \leftarrow t_p \leftarrow t \\ \hline \\ t_p \leftarrow t \\ \hline \\ t_p \leftarrow t_p \leftarrow t \\ \hline \\ t_p \leftarrow t$$