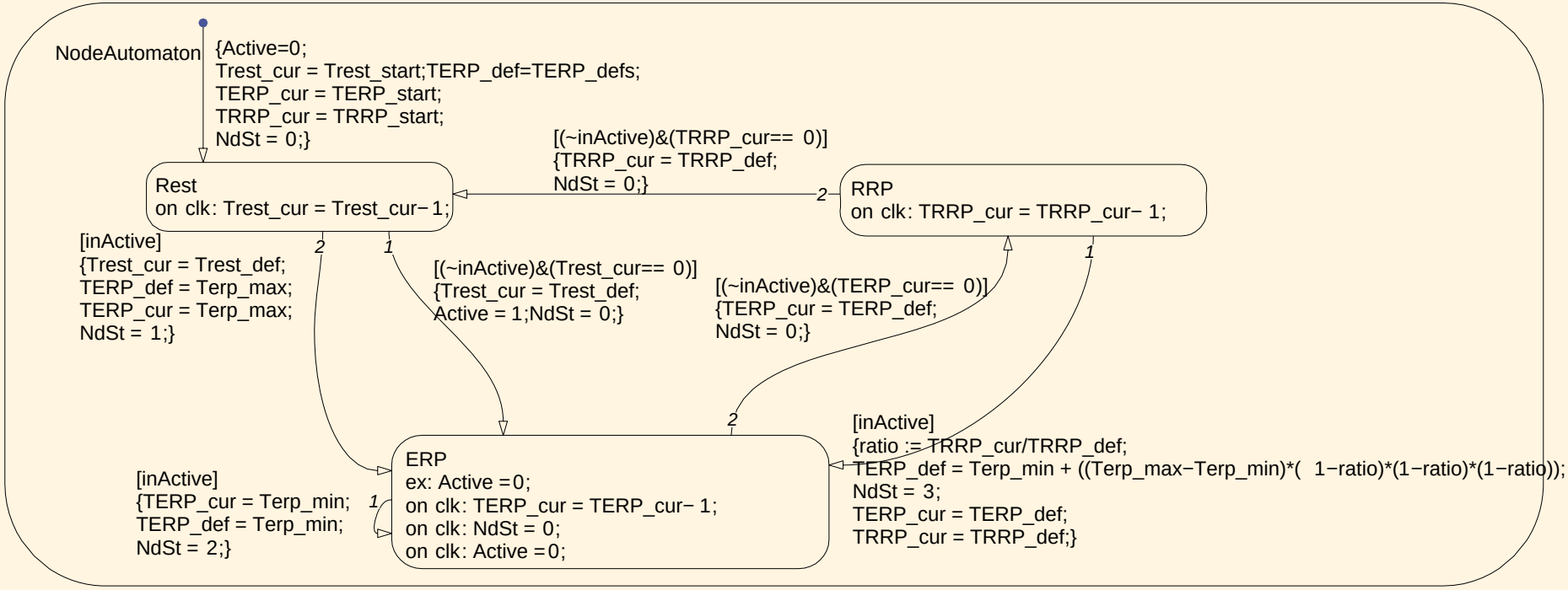
NodeAutomaton
{Active=0;
Trest_cur = Trest_start;TERP_def=TERP_defs;
TERP_cur = TERP_start;
TRRP_cur = TRRP_start;
NdSt = 0;}
Rest
on clk: Trest_cur = Trest_cur− 1;
[(~inActive)&(TRRP_cur== 0)]
{TRRP_cur = TRRP_def;
NdSt = 0;}
2
RRP
on clk: TRRP_cur = TRRP_cur− 1;
[inActive]
{Trest_cur = Trest_def;
TERP_def = Terp_max;
TERP_cur = Terp_max;
NdSt = 1;}
2
1
[(~inActive)&(Trest_cur== 0)]
{Trest_cur = Trest_def;
Active = 1;NdSt = 0;}
[(~inActive)&(TERP_cur== 0)]
{TERP_cur = TERP_def;
NdSt = 0;}
1
2
[inActive]
{ratio := TRRP_cur/TRRP_def;
TERP_def = Terp_min + ((Terp_max−Terp_min)*(1−ratio)*(1−ratio)*(1−ratio));
NdSt = 3;
TERP_cur = TERP_def;
TRRP_cur = TRRP_def;}
[inActive]
{TERP_cur = Terp_min;
TERP_def = Terp_min;
NdSt = 2;}
1
ERP
ex: Active =0;
on clk: TERP_cur = TERP_cur− 1;
on clk: NdSt = 0;
on clk: Active =0;