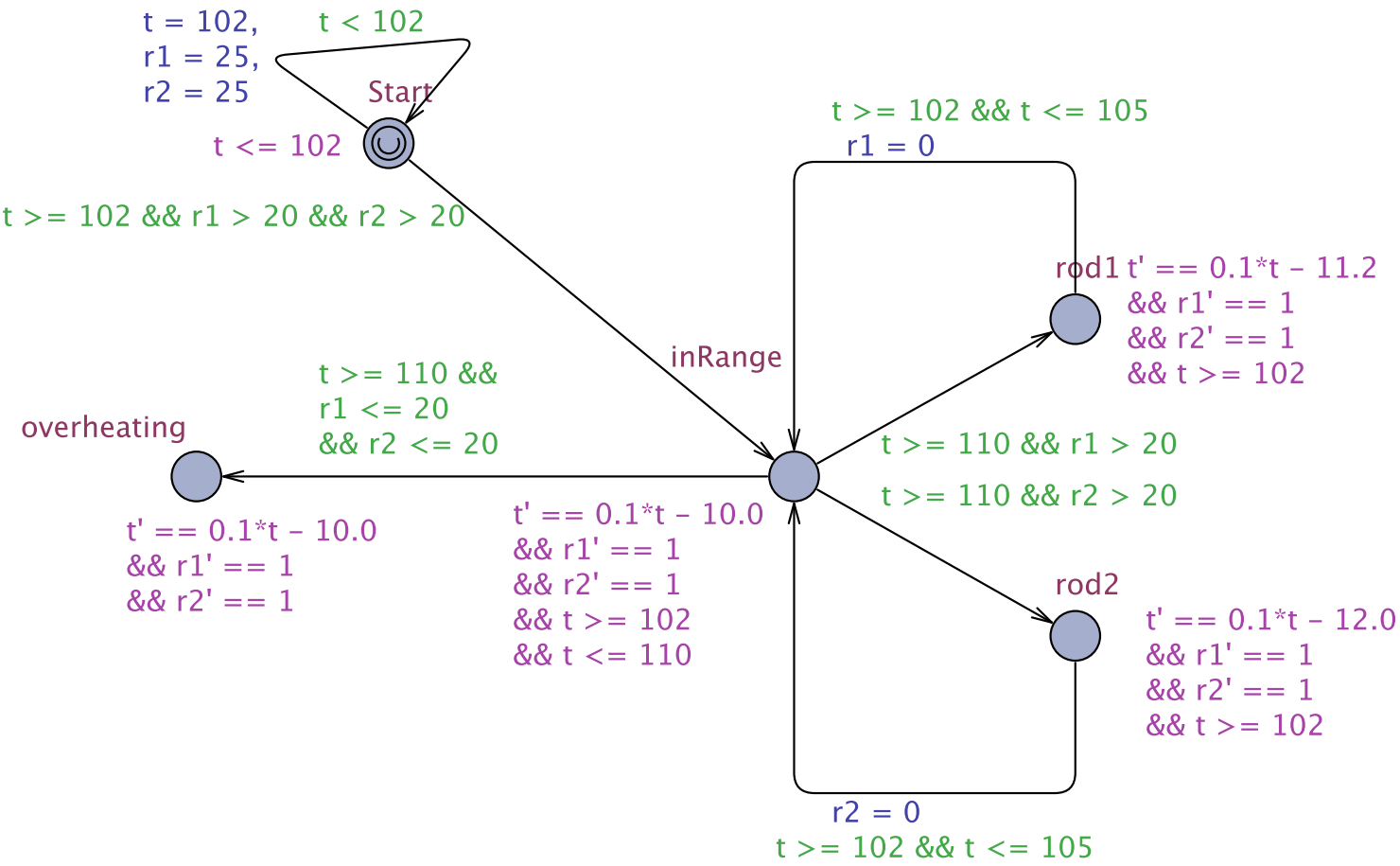
t = 102,
r1 = 25,
r2 = 25
t < 102
Start
t <= 102
t >= 102 && r1 > 20 && r2 > 20
t >= 102 && t <= 105
r1 = 0
rod1
t' == 0.1*t - 11.2
&& r1' == 1
&& r2' == 1
&& t >= 102
inRange
t >= 110 &&
r1 <= 20
&& r2 <= 20
overheating
t' == 0.1*t - 10.0
&& r1' == 1
&& r2' == 1
t >= 110 && r1 > 20
t >= 110 && r2 > 20
t' == 0.1*t - 10.0
&& r1' == 1
&& r2' == 1
&& t >= 102
&& t <= 110
rod2
t' == 0.1*t - 12.0
&& r1' == 1
&& r2' == 1
&& t >= 102
r2 = 0
t >= 102 && t <= 105