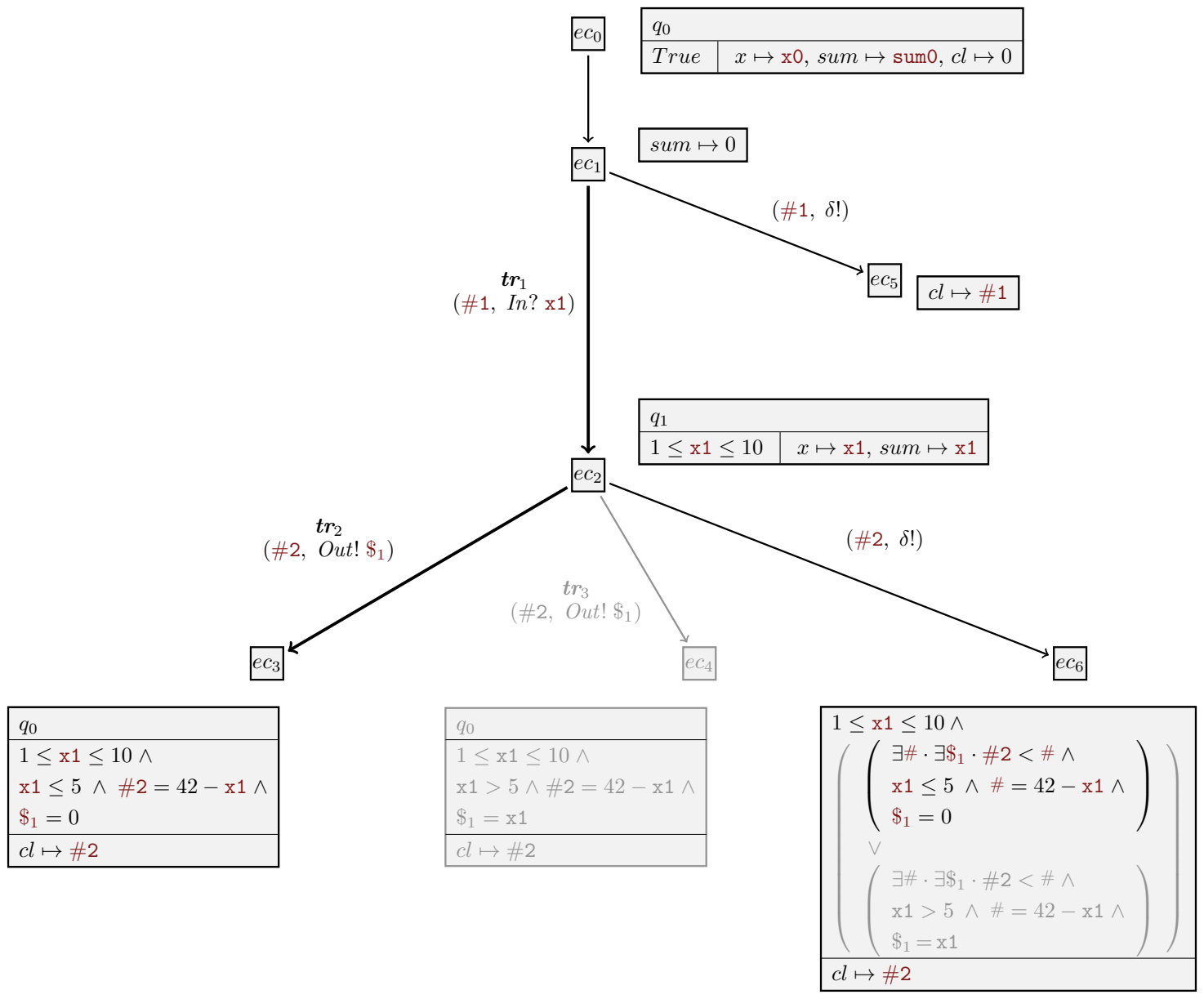
ec_0
q_0
$True$
$x \mapsto$ x0, $sum \mapsto$ sum0, $cl \mapsto 0$
ec_1
$sum \mapsto 0$
(#1, δ!)
ec_5
$cl \mapsto$ #1
tr_1
(#1, $In?$ x1)
q_1
$1 \leq$ x1 ≤ 10
$x \mapsto$ x1, $sum \mapsto$ x1
ec_2
tr_2
(#2, $Out!$ $\$_1$)
tr_3
(#2, $Out!$ $\$_1$)
(#2, δ!)
ec_3
ec_4
ec_6
q_0
$1 \leq$ x1 $\leq 10 \wedge$
x1 $\leq 5 \wedge$ #2 $= 42 -$ x1 $\wedge$
$\$_1 = 0$
$cl \mapsto$ #2
q_0
$1 \leq$ x1 $\leq 10 \wedge$
x1 $> 5 \wedge$ #2 $= 42 -$ x1 $\wedge$
$\$_1 =$ x1
$cl \mapsto$ #2
$1 \leq$ x1 $\leq 10 \wedge$
$\exists \# \cdot \exists \$_1 \cdot$ #2 $< \# \wedge$
x1 $\leq 5 \wedge \# = 42 -$ x1 $\wedge$
$\$_1 = 0$
$\vee$
$\exists \# \cdot \exists \$_1 \cdot$ #2 $< \# \wedge$
x1 $> 5 \wedge \# = 42 -$ x1 $\wedge$
$\$_1 =$ x1
$cl \mapsto$ #2