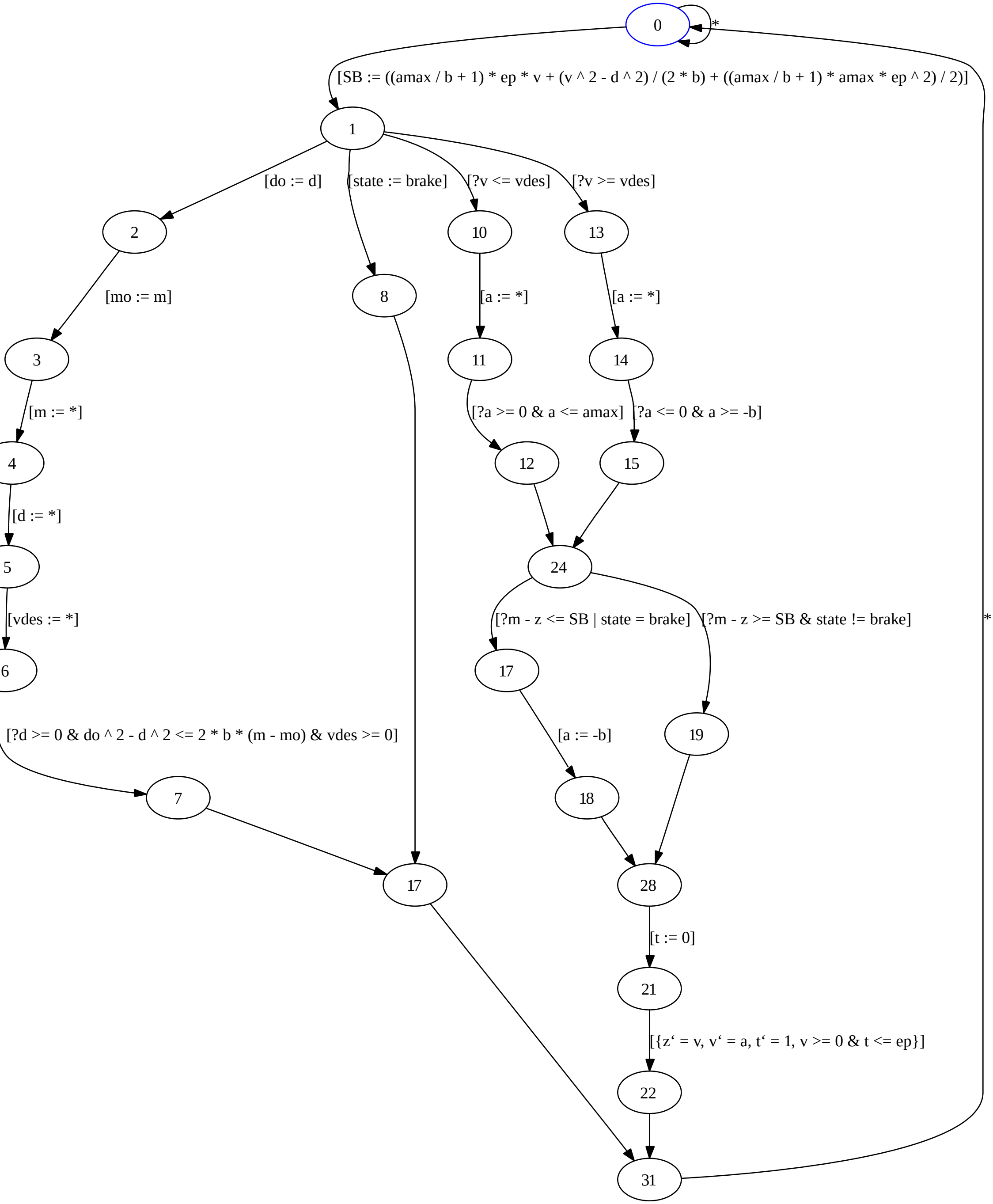
0
*
[SB := ((amax / b + 1) * ep * v + (v ^ 2 - d ^ 2) / (2 * b) + ((amax / b + 1) * amax * ep ^ 2) / 2)]
1
[do := d]
[state := brake]
[?v <= vdes]
[?v >= vdes]
2
10
13
[mo := m]
8
[a := *]
[a := *]
3
11
14
[m := *]
[?a >= 0 & a <= amax]
[?a <= 0 & a >= -b]
4
12
15
[d := *]
24
5
[vdes := *]
[?m - z <= SB | state = brake]
[?m - z >= SB & state != brake]
*
6
17
[?d >= 0 & do ^ 2 - d ^ 2 <= 2 * b * (m - mo) & vdes >= 0]
[a := -b]
19
7
18
17
28
[t := 0]
21
[{z‘ = v, v‘ = a, t‘ = 1, v >= 0 & t <= ep}]
22
31