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hasignment -2
Q.do
let & denote some notation for our purpose
 Of traffic light is Green at time = 1
11 = Traffic light is Yellow at time = 1
Ri a traffic light is Red at time-1
(G: +> (¬Y: N 7 Ri)) M (Y: +> (¬G: N ¬Ri)) X ( R: +> (¬Y: N¬G:))
 (9:-1 -7 (G: V (4: Y:)) 1 (Y: -7 (Y: V Ri)) 1 (R: V Gi))
(9i-3 NGi-2 NGi-1 N7Gi) N (Yi-3 NYi-2 NYi-1 N7Yi) N (
 Ki-3 N Ri-2 N Ri-1 NTRi)
    edge (n, m): Noden is connected to node m. color (n, m): Node n has color x
statmin ( (olor (n/2) -> 7 =y (y + 2 × Color (n/y)))
In 3n' (Color (n, yellow) A Color (n', yellow) A n + n' A
     tm (m +n x m + n' -> r color (m yellow))
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+n (color (n, sed) -> 3 n, (edge (n, n,) n color (n, , goeen))
 V = n1, n2 (edge (n, ni) 1 edge (n1, n2) 1 color (n219mm)) V
=n11n21n3 (edge (n, n, ) / edge (n, ) n2) 1 edge (n2) n3) 1 alor (n319res
·V Jaiminging (edge (n, n,) n edge (n, n) nedge (n, n) nedge (n, n) nedge (n, n)
  color (ny, green))))
 + n 3n Color (n,n)
(+x 2n color (n,n)) N (+n 2n color (n,n)) N

(+n +n (color (n,n) -> 7 3y (g +n N color (n,y))) ) N

(edge (n,m)) V (2n, ..., (edge (n,n)) N adge (n,n)) Nedge (n,m))))
  let's define some proposition for broader purpose out.
   Read (n) = 2 can real
   lit (n) = n is literate
   Dol(n) = n is a dolphin
    Intellignent (n) = n es intelligen
 1) +n (Read (n) - lit (n))
2) An (Dol(n) -> 7 lit(n))
 3) In (Dolan) A Intelligent (a))
4) In ( Intelligent (m) 17 Read (4))
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