Sementics

TSFØ ⇔ VseI. SFØ

Statue
$$| S \models ov \iff ov \in L(s)$$

 $S \models \neg \phi \iff ov \in L(s)$
 $S \models \neg \phi \iff ov$

 $\pi \models o \bar{\phi} \iff \pi [i] \models \bar{\phi}$ $\pi \models \bar{\phi} \cup \Psi \iff \exists_{j>0} : \pi [i] \models \Psi \cup \forall o \leq i < j : \pi [h] \models \bar{\phi}$

potentially by inevitably by

potentially invariants of invariantly of

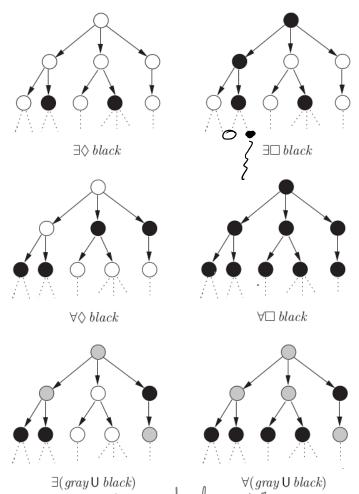


Figure 6.2: Visualization of semantics of some basic CTL formulae.

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The syntactic restrictions of CTL forbid writing e.p.
     felzness ( [ | D wi - D | D OCi) is not e CTL file
 which is not in CTL because of the consecutive temporal operators.
 [Emerson & Halfern 86] propose (TL*
state f. loe
                                            peth f. be
Sementics TSFØ 	 VSEI. SFØ
  YseSS + true | star => acl(s)
  s⊧ 7 € > not s € €
  5 = d ∧ y ⇒ 5 = d & 5 = y
  π ⊧ ∮ ⇔
              T[0] = €
   T = 4, 14, (=>
              π = 4. × π = 42
   π ⊨ 7 y

    π ≠ φ

          Tt 1 Oy
   TEY, UY2 => Jj>0: T>j + Y2 & (Voih <j: T>h = Y1)
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