کطف دوم مدل زی

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: برس 3.5 كتاب عاب ع

a false: - significant of the prefix = (2 AP) +

bad pref wit rebiggin wirtgen of singe

win bad prof. solve - see

E= 43 . In safety to property curved pref(E)= 44 ~ & GS

cl(E) = 44 - Closure

+ (July ? /) - Safety CF

+ (dxy1y) & (dxy1y) & badaed obe

b) initially x is equal to zero?

E = \(x = 0 \) (z AP) (z AP) (= \(\frac{A}{0} \) A_1 ... \(\frac{A}{0} \) \(\frac{A}{0} \) = \(\frac{A}{0} \) A_1 ... \(\frac{A}{0} \) \(\frac{A}{0} \)

pref (E) = /x=04 + /x=04 (2AP)* = /x=04(2AP)*

bad Ref(E) = $\sqrt{A} \cdot - An |A \cdot \not\models (x=0) \uparrow = (\langle x y | y + \phi \rangle) (z^{AP})^{*}$ $cl(E) = \sqrt{\chi} = 0 \cdot y (z^{AP})^{W}$

+ (des ; YX = 0) 000

+ (Jx4) " & / x41 / (/ x=24) " ___ is badpret = be

page 3 (e) x exceeds one only finitely many times: E= ((2 AP)* (1/x=0,>x4)/+ (x/)))+ (p+ (x=0)) in = (x/1) \(\frac{1}{2}\)) (x=0,241) (2 Utgets), in abel or label or 1 x=0, x41 / (2) (0) مرارط راس رس کر د درواعظما سیاند جرمان رودداری این) $P(ef(E) = (2^{AP})^{*}(\forall x = 1) \times (1 \times 1))^{+} + (2^{AP})^{*}(\forall x = 1) \times (2^{AP})^{*} + (2^{AP})^{*}(\forall x = 1) \times (2^{AP})^{*} + (2^{AP})^{*}(\forall x = 1) \times (2^{AP})^{+} + (2^$ + cous: dxylytdx==y" & thylyth===ytdxxy; ===ytdxxytdx==y" & thylyth===ytdxxytdx==y" & thylyth===ytdxxytdx

If x exceeds one infinitely often :

$$E = \{A_0, \dots, A_i \models (xy1)\} = (A^P)^* \left(\{xy1\}^* \left(\{xy1\}^* \left(\{xy1\}^* \left(\{xy1\}^* \right)^* \neq xy1\}^*\right)^* \right) = \left((2^{AP})^* \neq xy1\}^*\right)^*$$

$$Pref(E) = (2^{AP})^* + \left((2^{AP})^* \neq xy1\}^*\right)^* = (2^{AP})^*$$

$$+ (xiaio * (\{xy1\}^2)^*)$$

$$+ (xiaio * (\{xy1\}^2)^*)^*$$

$$+ (xiaio * (\{xy1\}^2)^*)^*$$

$$+ (xiaio * (\{xy1\}^2)^*)^*$$

$$= (2^{AP})^* (\{xy1\}^*)^*$$

$$= (2^{AP})^* (\{$$

The value of x alternates between zero and two: E={A. A. -- | (Vi Ai # Ø) ~ (Vi Ai + (x=0) . Ai+1 = (xx1) V ViA; = (x71) Ain+ (x=0)) } E= (1x=1) /x>13) + (1x>1) /x=0) = (1x+1)+E) (1x=0) /x>1) ~ مرهرول محان pref(E) = ((x=-) /x)) + ((xx)) / (x=-) + (xx) / (x=-) + (xx) / (x=-) (xx)) ce(E) = (dx=04 /x)1) W+(dx71) /x=04) W ~ cl(E) = E → =) safety badfref(E) = {A.A. - An (di Ait (x=0) . Air # (x))) v (3: Ai = (n>1) Ail = (N=-)) 4 + (((x = =) (x >)) & ({x>1} y dx = .)~ + (drapie: (/ > = oy) W & 0" In true of ____ OLC /box/c/2 so pref(E)=(2AP) to liveness of cl(E)=(2AP) ~ 3 voll / je s -> true sep // ~ safety of badfref(E) = 13 -> >/in col pretix (- - Fritab crioc 2) Ling Crycul bud pretix Low

サ イルニッグ - 3/10 chc/しかかの

بالم : غير متعلق +

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- Liveness pos Safety pora

Priveness =
$$\left(\left(2^{AP} \right)^{*} \right)^{*} \left(2^{AP} \right)^{*} \right)^{\omega} = \left(\left(2^{AP} \right)^{*} \right)^{\omega}$$