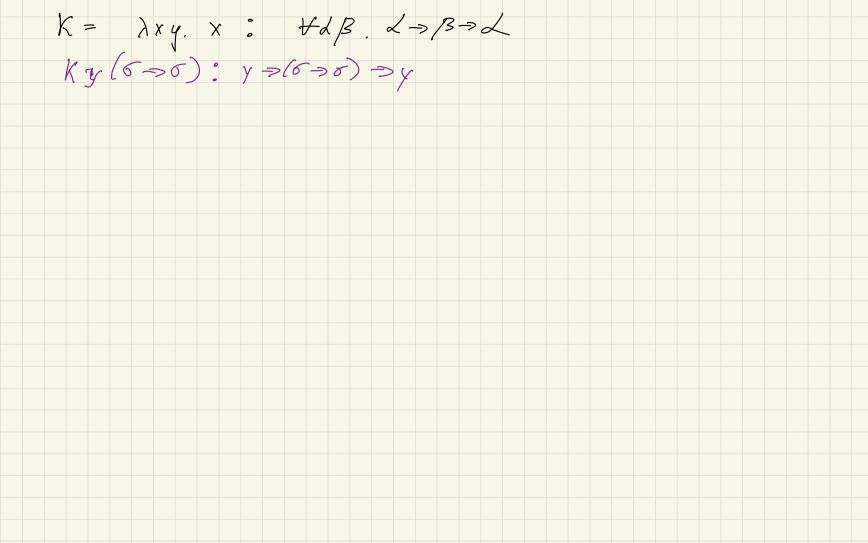


Masnell Hbezge H buscoure news repr Kappe Tepr Rappe Н М: б герг Н (ЛГ. М): НГ. б Карри Н М: НГ. б с Карри

 β -peguesees $(\lambda x^{-}M) N \longrightarrow_{\beta} M \Sigma x := N T = pegguesee Tegrees (observa)$ (12. M) 2 -> ME d:= 27 >> B:=0=07 $(N\beta.\lambda x^{\gamma}.\lambda y^{\beta}.x): \forall \beta. x > \beta > \beta$ $(N\beta.\lambda x^{\gamma}y^{\beta}.x)(\delta > \delta): x > (\delta > \delta) > \gamma$

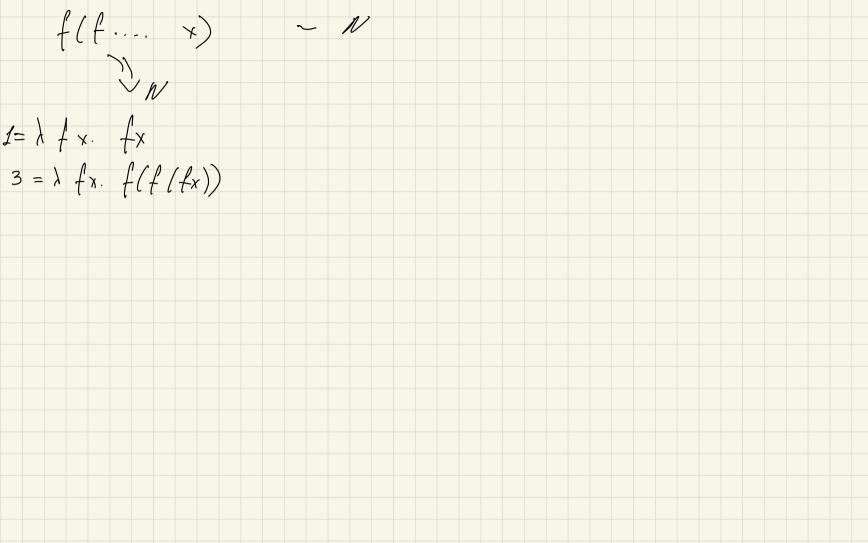


Tpoduerres pospermenocou d2 a-us Tipz HM: 62

Pospennics (Kappu - Leb) + ?:6 - repaspenence (Kappu - ne7)

12. of dod x d. f (fx) x: 66 P Tips: Buculous rt x: 5 (a) Z: * 6) [f: 2->2] P+ N:5-32 P+N:5 (elim >) (c) X:7 THMN: Z P, x: 6 + M: Z 17 + dx - M: 5 -> 2 1 12. Af x . f(fx) . f(d > 1) . Let f(fx) . Interest (1)) PH M: Hd. 6 PH 7: * 7 - ME: 5[d:=27 (b) \f: L > L/ (intro t) P, 2: * - M:5 (C) [x:2] rt 12. M: 42. 5 - ormere 6 kappe (elim => b,c) (5) fx: L Nd 1/x (x:42(d>2) >2>2 (4) (f(fx): d (elin > b, 5) Nd. dfx. f(f(fx));

 $P + Ad. df^{2 > 2} \times^{2} \cdot f(f \times) : +2. (d > d) > 2 > 2$ PHTnat: (nat-) not) - nat - nat Pt suc: not -> nat T'not suc: nat > not Pt two: nat That suc two: nat



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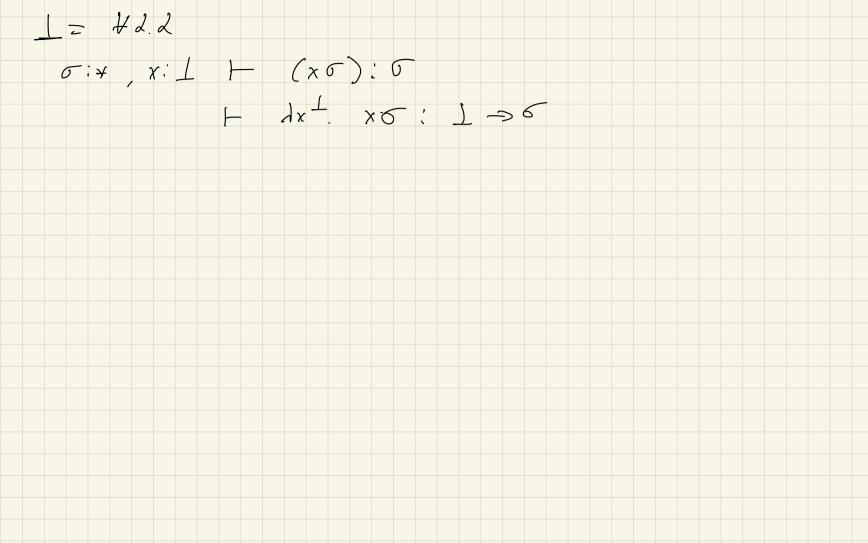
X: $(\beta \Rightarrow \lambda) \Rightarrow (\beta \Rightarrow \lambda) \Rightarrow \lambda$

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$$\lambda = x = n$$

$$((\lambda \rightarrow \beta) \rightarrow \lambda) \rightarrow \lambda$$



J $X, y \in \mathbb{R} \setminus \mathbb{Q}$, $X \subseteq \mathbb{Q}$ $X \subseteq$ BHK - unnepype vacque Proof PAQ -2no (p, g), q- due proof R Proof PVQ - 2mo (0, P) Proof $P \rightarrow Q$ - 2nw p-x, ko7-x koklyvupgen proof P $(J_X \in S)$ P - 2nw (X,P), $X \in S$, P - proof P $(\forall x \in S) P$ - one g-g nonepas voulepripuent $f \times S$ f proof P $f \times S$

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12 × < M, N > - napa PH M: L PH N: B (intro-pain)
PH < M, N >: d x B Pt ZM, ND: LxB (elim-pain) PHZM,ND: LKB P + TT2 (24,ND): B PH TIZ (ZM, N): 2 11 + > A & M: int, enum A E n fleat, M(in+) N(float),

CH - coomber créene : IPC(>)/IPC 1-> 1/2 gokazareus & 60 (proof) Tepu Teoperia (gropneyus) Tien х: 2 Териовые перешения assumption geples berbega, buerajour mesmus nedex

$$IPC$$

$$77 p \neq p$$

$$A, V, \Rightarrow, 7$$

$$A \rightarrow (A \cup B)$$

$$1 \quad 0 \quad = 0$$

$$A \rightarrow (B \rightarrow A)$$

$$1 \quad 0 \quad = 0$$

$$A \quad A \rightarrow B \quad (\text{Mod us ponens})$$

$$C \rightarrow A(x)$$

$$C \rightarrow V_X A(x)$$

$$A \cap A \cup A(x)$$

$$A \cap A(x)$$

$$q n \left(\left(\frac{1}{4} \rightarrow 6 \right) \quad n \left(\frac{1}{4} \rightarrow c \right) \right) \Rightarrow 6 n c$$

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