

Sleeping  
Lizards

$\mathcal{L} = \langle p \rangle, \#p = 3, p \in \text{Fred}$   
 $A = \langle N^t, p^t \rangle$

$p(\mathbf{0}, \mathbf{b}, \mathbf{c}) \Leftrightarrow \mathbf{0}, \mathbf{b}, \mathbf{c} = \mathbf{c}^2$

Onpeereze zoz, z1y, z2y, z3y  
 $\{ \alpha, \beta, \gamma \} \subseteq \{ \alpha, \beta, \gamma \}$

kompozicija zoz i z1y e apozicija.

$(z^1 p_1(x)) \partial x A \subseteq (z^1 p_1(x))$

$z^2 = 1 + h \cdot x$

$(z^1 p_1(x)) \partial x A \subseteq \xi \xi (p_1) \partial z$

$(z^1 p_1(x)) \partial x A \subseteq \xi \xi (z^1) \partial z$

$(z^1 p_1(x)) \partial_L h A x A \subseteq (z^1) \partial h$

$z^2 = 1 + x^2 \cdot x \parallel (z^1 x^1 x) \partial z \xi \xi (x) \partial x$

$$G = \langle M \rangle, m \in \text{Pred}, \#m = 3$$

$$f = \langle A, m^t, u, v, w, e, p \rangle$$

$$a, b, c \in A, m^t(a, b, c) \Leftrightarrow c = a \cdot b$$

$$\text{On } \text{prime} = \{ p \mid p \in A \text{ \& "prime" } \}$$

$$m \mid n = \{ m, n \mid m, n \in A \text{ \& } m \mid n \}$$

$$e_{m \mid n}(x, y) \leq f(z, m(x, z, y)) \parallel y = x, z$$

$$e_{m \mid n}(x, y) \text{ true } \Leftrightarrow x \mid y$$

$$e_{\text{prime}}(x) \leq f(y, h(y, m)(z, x)) \Rightarrow y = x \vee z = x$$

$$\frac{e(x) \leq f(x) \text{ \& } e_0(x)}{e(x) \leq f(x)}$$

$$p_{\text{prime}}(x) \leq f(y, h(y, m)(z, x)) \vee e_0(x) \leq f(y, h(y, m)(z, x)) \vee e_0(x) \leq f(y, h(y, m)(z, x))$$

$$p(a, b, c) \hookrightarrow \underbrace{a \cdot b + 1 = c^2}$$

$$a \cdot b = c^2 - 1, \quad c = 2$$

$$2^2 - 1 = 3 = a \cdot b$$

$$\boxed{a \cdot b = (c-1) \cdot (c+1)}$$

$$(a=3 \vee b=1) \wedge \wedge$$

$$(a=1 \vee b=3)$$

$$2y \rightarrow \varphi_2(x) \leq y \vee z \left( \frac{p(y, z, x)}{y \cdot z + 1 = x^2} \right) \Rightarrow \varphi_1(y) \vee \varphi_1(z)$$

$$y \cdot z + 1 = x^2 \Leftrightarrow$$

$$x^2 - 1 = y \cdot z \hookrightarrow$$

$$(x-1) \cdot (x+1) = y \cdot z$$

$$\frac{2y \rightarrow \varphi_2(x) \leq y \vee z}{\varphi_1, \varphi_2} \left( \frac{p(y, z, x)}{(x-1) \cdot (x+1) = y \cdot z} \right) \Rightarrow \varphi_2(z) \wedge p(y, x, z)$$

und dann

$$3 \cdot 1 + 1 = 2^2$$

$$\boxed{x = n \quad \Leftrightarrow \quad x \cdot (n-x) + 1 = (n-1)^2}$$

Укажите  $n$ ,  $n$  — какое  $\delta$  и  $\epsilon$  зависит.

Для:  $\epsilon_0, \epsilon_1, \epsilon_2, \epsilon_3$

и:  $n$  —  $m < n+2$ , то  $\delta$  и  $\epsilon$  определено  
с помощью  $\epsilon_m(x)$ ,  $m > 2$ .

Стать:  $\epsilon_{n+2}(x) \leq \delta y z (\epsilon_n(y) \& \epsilon_{n+1}(z) \& \\ p(x, y, z))$

Зачем не подставить  $\delta$ ?

Уточнение по  $\delta$  и  $\epsilon$ .



→ 2 1 2 ?

$$e_{>0}(x) = y_1 \neg e_0(x) \wedge q(y_1, x)$$

$$[y_1 \neq 0 \wedge y_1 = y^2 = x]$$

$$e_{=0}(x) = y_1 (q(y_1, x) \wedge p_{<}(x, y_1))$$

$$e_{<0}(x) = y_1 \wedge y_2 (p_{<}(y_1, y_2) \wedge q(x, y_1))$$

$$x \cdot x = x^2 = y = 2$$

$$\boxed{\begin{array}{c} \text{T.e. } x^2 = 2 \\ x \geq 0 \quad \vee \quad x = \sqrt{2} \end{array}}$$

2 1 2 ?

$$p_{<}(x) = y_1 \wedge y_2 (p_{<}(y_1, y_2) \wedge q(x, y_1))$$

$$\frac{q(x^2, y_1)}{x \cdot x^2 = y \Leftrightarrow x^3 = y \wedge x = \sqrt[3]{y}}$$

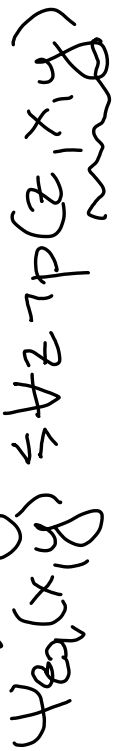
$$z = x^2$$

$$y = z^3$$

$$x = \sqrt[3]{y}$$





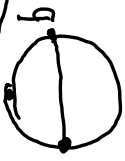


$$(1+z^1 y) \partial \hookrightarrow (1+z^1 x) \partial + A^2 A \subseteq (f^1 x)^{\text{ord}}$$

\* Here here ~~the~~ for ~~as~~ as S. C B

- did  $\{< a, b, c \rangle \mid c \in \text{range } \sigma b\}$   $\sigma a \sigma c$   $\sigma b$

- Output Q?



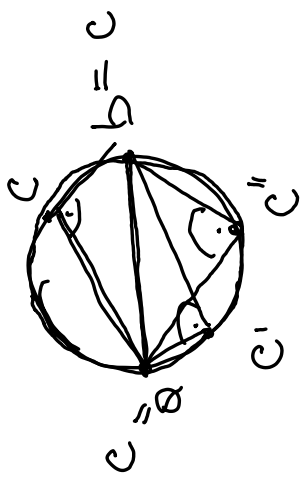
[illegible]



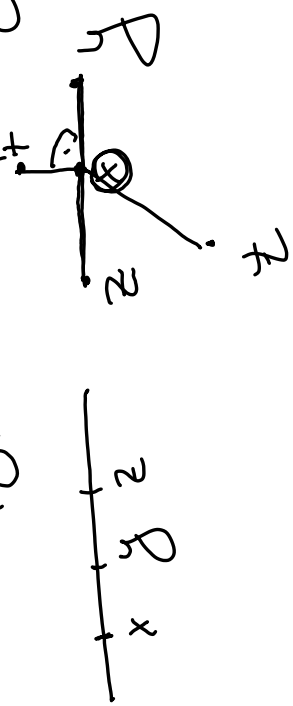
$$\bullet \quad \mathcal{E} = \{ \varphi \in \mathcal{E} \mid \varphi \geq 0 \}$$

$$\exists b, c \in \mathbb{R}^2 p^3(x, b, c) \Leftrightarrow \underbrace{x \neq b} \vee \underbrace{b \neq c} \vee \underbrace{\angle bqc = 90^\circ}$$

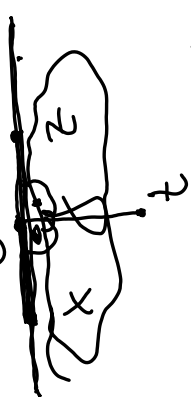
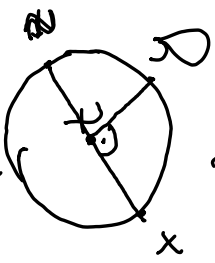
202/  $S = \{R2, R3\}$   $\text{to } R1, R2$   $\text{to } R2, R3$   $\text{to } R3, R4$   $\text{to } R4, R5$   $\text{to } R5, R6$   $\text{to } R6, R7$   $\text{to } R7, R8$   $\text{to } R8, R9$   $\text{to } R9, R10$   $\text{to } R10, R11$   $\text{to } R11, R12$   $\text{to } R12, R13$   $\text{to } R13, R14$   $\text{to } R14, R15$   $\text{to } R15, R16$   $\text{to } R16, R17$   $\text{to } R17, R18$   $\text{to } R18, R19$   $\text{to } R19, R20$   $\text{to } R20, R21$   $\text{to } R21, R22$   $\text{to } R22, R23$   $\text{to } R23, R24$   $\text{to } R24, R25$   $\text{to } R25, R26$   $\text{to } R26, R27$   $\text{to } R27, R28$   $\text{to } R28, R29$   $\text{to } R29, R30$   $\text{to } R30, R31$   $\text{to } R31, R32$   $\text{to } R32, R33$   $\text{to } R33, R34$   $\text{to } R34, R35$   $\text{to } R35, R36$   $\text{to } R36, R37$   $\text{to } R37, R38$   $\text{to } R38, R39$   $\text{to } R39, R40$   $\text{to } R40, R41$   $\text{to } R41, R42$   $\text{to } R42, R43$   $\text{to } R43, R44$   $\text{to } R44, R45$   $\text{to } R45, R46$   $\text{to } R46, R47$   $\text{to } R47, R48$   $\text{to } R48, R49$   $\text{to } R49, R50$   $\text{to } R50, R51$   $\text{to } R51, R52$   $\text{to } R52, R53$   $\text{to } R53, R54$   $\text{to } R54, R55$   $\text{to } R55, R56$   $\text{to } R56, R57$   $\text{to } R57, R58$   $\text{to } R58, R59$   $\text{to } R59, R60$   $\text{to } R60, R61$   $\text{to } R61, R62$   $\text{to } R62, R63$   $\text{to } R63, R64$   $\text{to } R64, R65$   $\text{to } R65, R66$   $\text{to } R66, R67$   $\text{to } R67, R68$   $\text{to } R68, R69$   $\text{to } R69, R70$   $\text{to } R70, R71$   $\text{to } R71, R72$   $\text{to } R72, R73$   $\text{to } R73, R74$   $\text{to } R74, R75$   $\text{to } R75, R76$   $\text{to } R76, R77$   $\text{to } R77, R78$   $\text{to } R78, R79$   $\text{to } R79, R80$   $\text{to } R80, R81$   $\text{to } R81, R82$   $\text{to } R82, R83$   $\text{to } R83, R84$   $\text{to } R84, R85$   $\text{to } R85, R86$   $\text{to } R86, R87$   $\text{to } R87, R88$   $\text{to } R88, R89$   $\text{to } R89, R90$   $\text{to } R90, R91$   $\text{to } R91, R92$   $\text{to } R92, R93$   $\text{to } R93, R94$   $\text{to } R94, R95$   $\text{to } R95, R96$   $\text{to } R96, R97$   $\text{to } R97, R98$   $\text{to } R98, R99$   $\text{to } R99, R100$   $\text{to } R100, R101$   $\text{to } R101, R102$   $\text{to } R102, R103$   $\text{to } R103, R104$   $\text{to } R104, R105$   $\text{to } R105, R106$   $\text{to } R106, R107$   $\text{to } R107, R108$   $\text{to } R108, R109$   $\text{to } R109, R110$   $\text{to } R110, R111$   $\text{to } R111, R112$   $\text{to } R112, R113$   $\text{to } R113, R114$   $\text{to } R114, R115$   $\text{to } R115, R116$   $\text{to } R116, R117$   $\text{to } R117, R118$   $\text{to } R118, R119$   $\text{to } R119, R120$   $\text{to } R120, R121$   $\text{to } R121, R122$   $\text{to } R122, R123$   $\text{to } R123, R124$   $\text{to } R124, R125$   $\text{to } R125, R126$   $\text{to } R126, R127$   $\text{to } R127, R128$   $\text{to } R128, R129$   $\text{to } R129, R130$   $\text{to } R130, R131$   $\text{to } R131, R132$   $\text{to } R132, R133$   $\text{to } R133, R134$   $\text{to } R134, R135$   $\text{to } R135, R136$   $\text{to } R136, R137$   $\text{to } R137, R138$   $\text{to } R138, R139$   $\text{to } R139, R140$   $\text{to } R140, R141$   $\text{to } R141, R142$   $\text{to } R142, R143$   $\text{to } R143, R144$   $\text{to } R144, R145$   $\text{to } R145, R146$   $\text{to } R146, R147$   $\text{to } R147, R148$   $\text{to } R148, R149$   $\text{to } R149, R150$   $\text{to } R150, R151$   $\text{to } R151, R152$   $\text{to } R152, R153$   $\text{to } R153, R154$   $\text{to } R154, R155$   $\text{to } R155, R156$   $\text{to } R156, R157$   $\text{to } R157, R158$   $\text{to } R158, R159$   $\text{to } R159, R160$   $\text{to } R160, R161$   $\text{to } R161, R162$   $\text{to } R162, R163$   $\text{to } R163, R164$   $\text{to } R164, R165$   $\text{to } R165, R166$   $\text{to } R166, R167$   $\text{to } R167, R168$   $\text{to } R168, R169$   $\text{to } R169, R170$   $\text{to } R170, R171$   $\text{to } R171, R172$   $\text{to } R172, R173$   $\text{to } R173, R174$   $\text{to } R174, R175$   $\text{to } R175, R176$   $\text{to } R176, R177$   $\text{to } R177, R178$   $\text{to } R178, R179$   $\text{to } R179, R180$   $\text{to } R180, R181$   $\text{to } R181, R182$   $\text{to } R182, R183$   $\text{to } R183, R184$   $\text{to } R184, R185$   $\text{to } R185, R186$   $\text{to } R186, R187$   $\text{to } R187, R188$   $\text{to } R188, R189$   $\text{to } R189, R190$   $\text{to } R190, R191$   $\text{to } R191, R192$   $\text{to } R192, R193$   $\text{to } R193, R194$   $\text{to } R194, R195$   $\text{to } R195, R196$   $\text{to } R196, R197$   $\text{to } R197, R198$   $\text{to } R198, R199$   $\text{to } R199, R200$   $\text{to } R200, R201$   $\text{to } R201, R202$   $\text{to } R202, R203$   $\text{to } R203, R204$   $\text{to } R204, R205$   $\text{to } R205, R206$   $\text{to } R206, R207$   $\text{to } R207, R208$   $\text{to } R208, R209$   $\text{to } R209, R210$   $\text{to } R210, R211$   $\text{to } R211, R212$   $\text{to } R212, R213$   $\text{to } R213, R214$   $\text{to } R214, R215$   $\text{to } R215, R216$   $\text{to } R216, R217$   $\text{to } R217, R218$   $\text{to } R218, R219$   $\text{to } R219, R220$   $\text{to } R220, R221$   $\text{to } R221, R222$   $\text{to } R222, R223$   $\text{to } R223, R224$   $\text{to } R224, R225$   $\text{to } R225, R226$   $\text{to } R226, R2$



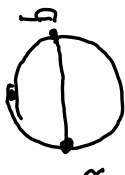
$\langle R'(z), z \rangle$   
 $\langle R'(z), z \rangle$   
 $\wedge (R'(x), z) \leq (z, R'(x))$   
 $\wedge (R'(x), z) \leq (z, R'(x))$



$$(1 + z'x) d \leq (R'(R'x)) d + A \leq (z' R'x) R'x$$



$$(1 + z' R) d \leq (R'(R'x)) d + A \leq (z' R'x) R'x$$



$\{ \delta_{\text{max}} \text{ and } \delta_{\text{min}} \}$   
 $\delta_{\text{max}} = 100$   
 $\delta_{\text{min}} = 100$   
 $\delta_{\text{max}} = 100$   
 $\delta_{\text{min}} = 100$

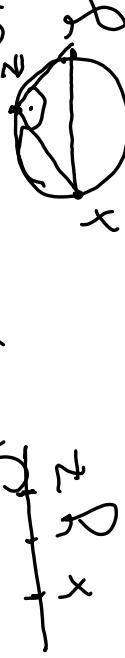
• Open up  $\mathbb{C}^2$ :

- did  $\{<0, b, c> \mid c \in \mathbb{R} \text{ and } 0 < b < c\}$

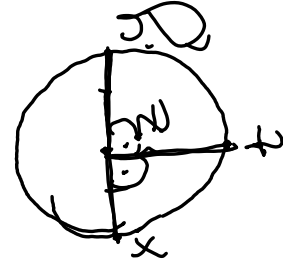
-  $\mathbb{S}^2 = \{<0, b, c> \mid c \in \mathbb{R} \text{ and } 0 < b < c\}$

\* However there are some problems with this.

$\mathbb{C}^2(x, y, z), \mathbb{C}^2(x, y, z), \mathbb{C}^2(x, y, z)$



$\mathbb{C}^2(x, y, z) \leq \mathbb{C}^2(x, y, z) \leq \mathbb{C}^2(x, y, z)$



$\mathbb{C}^2(x, y, z) \leq \mathbb{C}^2(x, y, z) \leq \mathbb{C}^2(x, y, z)$

$\mathbb{C}^2(x, z)$





—  
All is well when it ends  
well  
and now it has y.