

 $S^{\circ} \cong \lambda I$ 

$$\sum \partial I = \sum S^{0}$$

$$= \frac{\partial I \times I}{(*, X) \cup (\mathcal{U} \times \partial I)}$$

$$((*, *)) \quad ((*, A)) \quad ((*, A))$$

$$((*, A)) \quad ((*, A))$$

$$\sum S^{\circ} = S^{\circ} \cong \partial I^{2}$$

$$\left( *, (A \times \partial I) \sim \right)$$

$$\left\{ *, (A \times \partial I) \sim \right\}$$

$$P_{\text{nop}}: J_{-1} := S^{\circ} \cong \partial I$$

and  $S_0: J_0 \cong S_X I$   $S_1: J_1 \cong S_X I$  $\sqrt{S_2:J_2} = S_x^{x}I$ 

1米2~米, 1)エ~×(大2,米2)  $S^2 \approx \partial I^3 :=$ 1女~~米~

$$\sum S' = \sum^2 \partial I$$

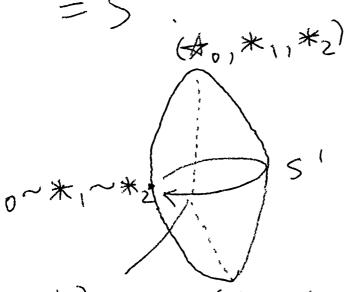
$$-\lambda T \Lambda S^2$$

$$= 5011$$

$$= 5015$$

$$= 5^{\circ}/(5)$$

$$= 5^{\circ}.$$



$$(A_0, *_1)$$
 $\sim (A_0, A_1)$ 
 $(A_0, *_1, A_2)$ 

Hence, 
$$\forall n \ge 1$$
  
 $S^n = 1 \ni I^n \times (x_n, x_n)$   
 $1 \times n = x_{n-1}$   
 $1 \times n = x_n$   
 $S^1 = 1 (x_0, x_0) \times (x_1, x_n)$   
 $1 \times 1 = x_0$ 

1米,=为,

11=1.

= 10

T=11

$$J_1 = 10$$
 $11 \times I$ 
 $11 = 1$ 
 $J_0 = S_0 \times I$ 
 $J_{-1} = \{ *, * \} = \partial I$ 
 $M = \{ *, * \} = \partial I$ 
 $M = \{ *, * \} = \{ *, *, * \} = \{ *, *, * \} = \{ *, *, * \} = \{ *, *, *, * \} = \{ *, *, *, * \} = \{ *, *, *, * \} = \{ *, *, *, * \} = \{ *, *, *, * \} = \{ *, *, *, * \} = \{ *, *$ 

Not every type is an n-type— me need to formalize type formers, mainly > and TI. both pick out inhabitants from an I.