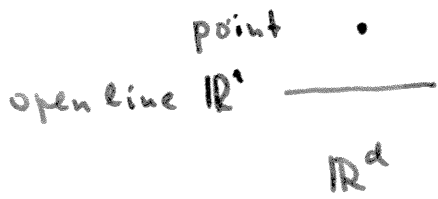


Symplectic side

Algebraic-geometric side



point  $\circ$

$$S^1 = \bigcirc$$

$$\mathbb{A}^1 - 0$$



$$\mathbb{A}^1 = \text{Spec } \mathbb{Z}[x]$$



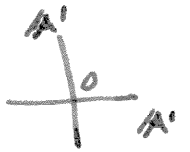
$$\text{Spec } \mathbb{Z}[x]/(x^2=0)$$



$$\mathbb{P}^2$$

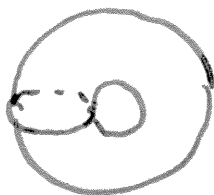


$$\text{Spec } \mathbb{Z}[x, y]/(xy=0)$$



n-gon  
degenerate  
elliptic curve

$$T^2 \cup_{S^1} D^2$$



$$\text{Spec } \mathbb{Z}[x, y, z]/(xy-1)z=0$$

resolved  
at 0



$$\mathbb{P}^1 - \{0, 1, \infty\}$$

noncompact cone over  $T^2$