X=
$$\bigcup_{i}$$
 Fi( $\phi$ )

1. X is some Fixed Prof F

F(X)=F( $\bigcup_{i}$  Fi( $\phi$ ) ... X

= $\bigcup_{i}$  F( $(\phi)$ ) ... X

2. A Y C X ALSO A FIXED PT

ASSUME BINIOC. THAT YCX ISAFIT

F( $(\phi)$  E Y Y is AFIT

F( $(\phi)$  E Y Y is AFIT

ASSUME ASSUME F( $(\phi)$  E Y

INDUSTRIE ASSUME F( $(\phi)$ ) E Y

$$= \left\{ \left( \sigma, \sigma'' \right) \right\}$$

$$= \left\{ \left( \sigma, \sigma'' \right) \in \left[ \left[ \sigma \right] \right] \right\}$$

$$= \left( \left[ \sigma', \sigma'' \right] \in \left[ \left[ \left[ \sigma', \sigma'' \right] \right] \right]$$

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$$= \left( \left[ \left[ \sigma', \sigma'' \right] \in \left[ \left[ \left[ \left[ \left[ \sigma', \sigma'' \right] \right] \right] \right] \right] \right]$$