$$((A_a \to A_{fa}) \cap (A_{fa} \to A_{f(fa)})) \to A_{f(fa)}$$

$x : ((a_1 \cap a_2 \to b_1) \cap (a_3 \cap a_4 \to b_2)) \to c_2$

$x : (\bullet \to \bullet) \to \bullet$

$b_1 \le c_2 \quad b_2 \le c_2$ — < wf

given Γ, a such that

$z : \bigcap a_i$

$y : \bigcap (a_{i,j} \to a'_{i,j})$

$x : \bigcap (\bigcap (\bigcap a \to b)) \to c)$

decide exist t s.t. $\Gamma \vdash t : a$

$b \le c$ — < wf

$u = \lambda y.\, y(y\, a)$

$\vdash u = \sigma$

$\| \quad \lambda x. \ldots$

$x : ((a \to a) \cap (b \to b)) \to a$ — $b < a$

x'

$x(\lambda z.\, x(\lambda z'.\, z'))$

z

$x : \ldots \vdash x(\lambda z.\, z) : a$

$z : a, x : \ldots \vdash z : a$

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