

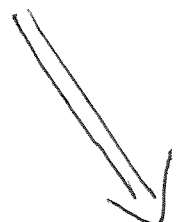
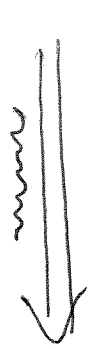
Reduction — example

$$(\lambda x y z. (x z) (y z)) (\lambda x y. x) (\lambda x y. x)$$

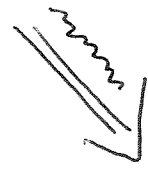
$$(\lambda y z. ((\lambda x y. x) z) (y z)) (\lambda x y. x)$$

\Rightarrow
β-reduction

$$(\lambda y z. (\lambda y z) (y z)) (\lambda x y. x)$$



ignore



ignore

ignore

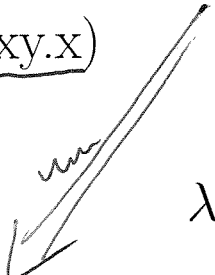
$$\lambda z. ((\lambda x y. x) z) ((\lambda x y. x) z)$$

$$\lambda z. (\lambda y z) ((\lambda x y. x) z)$$



$$(\lambda y z. z) (\lambda x y. x)$$

$$\lambda z. ((\lambda x y. x) z) (\lambda y. z)$$



$$\lambda z. (\lambda y. z) (\lambda y. z)$$

$$\lambda z. z$$



