5)
$$(\lambda x.((\lambda y.x y)z))(\lambda x.x y)$$

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

Orden normal

$$(\lambda x.((\lambda u.xu)z))(\lambda x.xy)$$

$$(\lambda u.(\lambda x. xy)u)z$$

$$(\lambda \times \times \times)$$

2 4

Orden aplicativo

$$(\lambda x. xz)(\lambda x. xy)$$

ZY

6) (($\lambda y.(\lambda x.((\lambda x.\lambda y.x) x)) y) M) N$

 $((\lambda_{\lambda},(\lambda_{\lambda},((\lambda_{\lambda},\lambda_{\lambda},\lambda_{\lambda})))))$ N

y ligado X ligado X ligado

Orden normal ((\lambda y. (\lambda x. \lambda y. x \rangle x \rangle) \mathbb{H}\mathbb{N}

()x.(()x.)y.x)x)m)n (()x.)y.x)m)n ()y. m)n M

Orden aplicativo

((λy. (λx . <u>((λx. λy. x) x)</u>) μ) μ λγ. x

((\(\lambda y . \(\lambda x . \(\lambda y . \(x \rangle \) \) \) \)

((\(\lambda y. (\lambda x. \lambda u. \times \rangle y) \(\times \rangle \)

(Au. M) N

M