

S K K

$$(\lambda x\ y\ z.x\ z\ (y\ z))(\lambda x\ y.x)\ (\lambda x\ y.x) \rightarrow_{\beta}$$

$$(\lambda y\ z.(\lambda x\ y.x)\ z\ (y\ z))\ (\lambda x\ y.x) \rightarrow_{\beta}$$

$$(\lambda y\ z.z)\ (\lambda x\ y.x) \rightarrow_{\beta}$$

$$(\lambda z.z) \rightarrow_{\beta}$$