Proove S K K = I

$SKK = (\lambda xyz.x\,z\,(y\,z))\,K\,K =$
$= (\lambda x.\lambda y.\lambda z.x\,z\,(y\,z))\,K\,K \rightarrow$
$\rightarrow (\lambda y.\lambda z.K\,z(y\,z))\,K \rightarrow$
$\rightarrow (\lambda z.K\,z\,(K\,z)) = (\lambda z.K\,z\,((\lambda x\,y.x)\,z)) \rightarrow$
$\rightarrow (\lambda z.((\lambda x\,y.x)\,z\,(\lambda y.z)) \rightarrow$
$\rightarrow (\lambda z.((\lambda y.z)\,(\lambda y.z))) \rightarrow (\lambda z.z) = I$