hevin Peters - hipeter 2 Honework 4

S= { (f(f(y), h(x)), f(x,z)), (g(x), g(f(y)))}

- (1) Poll out pair (f(f(y),h(x)),f(x,z))Decompose $\rightarrow (f(y), x), (h(x),z))$ $S = \{((f(y), x), (h(x),z)), (g(x), g(f(y)))\}$
- 2) Pull out puir (gex), g(f(y)))

 De compose > (x, f(y))

 S = \(\left(\{ \text{(} \{ \text{(} \{ \text{)}}\right)}, \text{(} \{ \text{(} \{ \{ \text{(} \{ \text{)}}\right)}, \text{(} \{ \{ \text{(} \{ \text{(} \{ \text{)}}\right)}, \text{(} \{ \{ \text{(} \{ \text{(} \{ \text{)}}\right)}\)}}\)
- (3) Pull out pair ((f(y), x), (h(x), z))Orient $\rightarrow ((x, f(y)), (z, h(x)))$ $S = \{((x, f(y)), (z, h(x))), (x, f(y))\}$
- 4) Poll out pail (x, fey))
 Eliminate: {X } fey) }

 S = {(z, n(fey))} with {X } fey) }
- (3) Pull out pail (z, h(fcy))

 Eliminute: \(\text{Z}\to \text{h(fcy)}\)\\

 S = \(\text{E}\text{3}\text{ with }\text{Ext}\text{fcy}\)\(\text{3}\text{ o }\text{E}\text{ }\text{h(fcy)}\)\(\text{3}\text{}\)

S= 2(f(f(y), h(f(y)), f(f(y), h(f(y))), (g(f(y)), g(f(y))) [