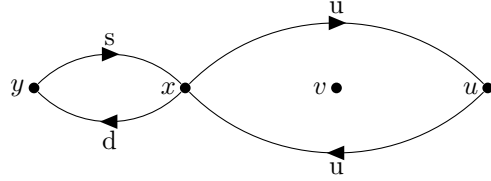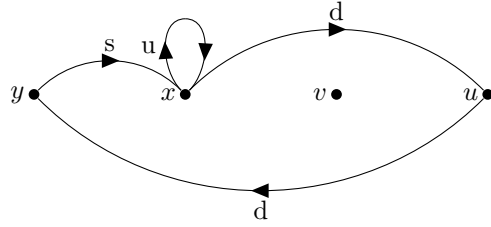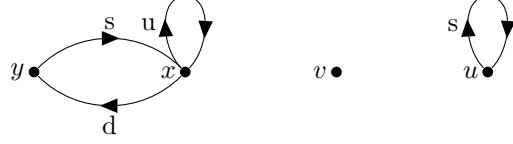$0.8165\ Tr[\gamma_5 L(u,u)]Tr[\gamma_L L(x,x)\gamma_L H(x,y)\gamma_5 L(y,x)]$
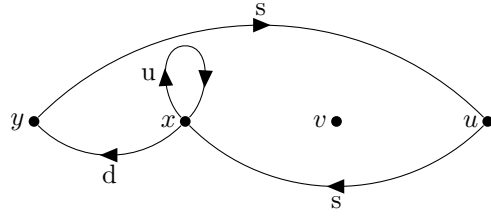

$-0.4082\ \gamma_5 L(u,x)\gamma_L H(x,y)\gamma_5 L(y,x)\gamma_L L(x,u)$

$-0.4082\ \gamma_5 L(u,x)\gamma_L L(x,x)\gamma_L H(x,y)\gamma_5 L(y,u)$

$-0.8165\ Tr[\gamma_5 H(u,u)]Tr[\gamma_L L(x,x)\gamma_L H(x,y)\gamma_5 L(y,x)]$

$0.8165\ \gamma_5 H(u,y)\gamma_5 L(y,x)\gamma_L L(x,x)\gamma_L H(x,u)$