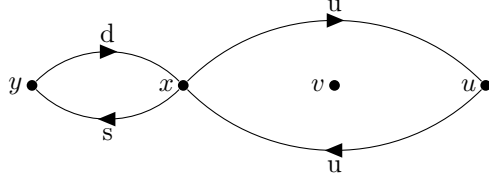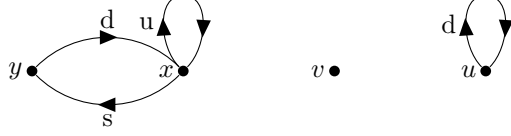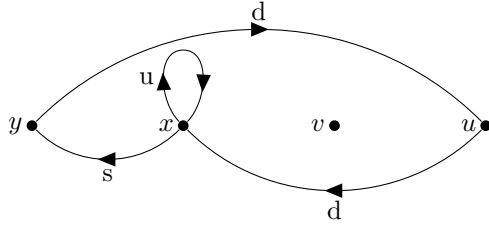$$-0.4082\ Tr[\gamma_5 L(u,u)]Tr[\gamma_L L(x,y)\gamma_5 H(y,x)]Tr[\gamma_L L(x,x)]$$
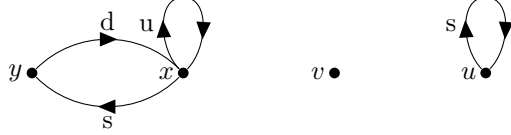

$$0.4082\ Tr[\gamma_5 L(u,x)\gamma_L L(x,u)]Tr[\gamma_L L(x,y)\gamma_5 H(y,x)]$$

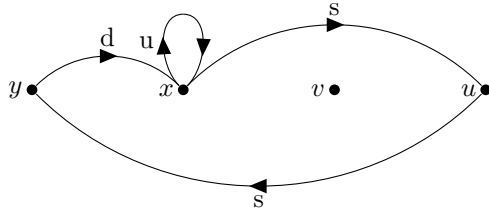$$-0.4082\ Tr[\gamma_5 L(u,u)]Tr[\gamma_L L(x,y)\gamma_5 H(y,x)]Tr[\gamma_L L(x,x)]$$

$$0.4082\ Tr[\gamma_5 L(u,y)\gamma_5 H(y,x)\gamma_L L(x,u)]Tr[\gamma_L L(x,x)]$$

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

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