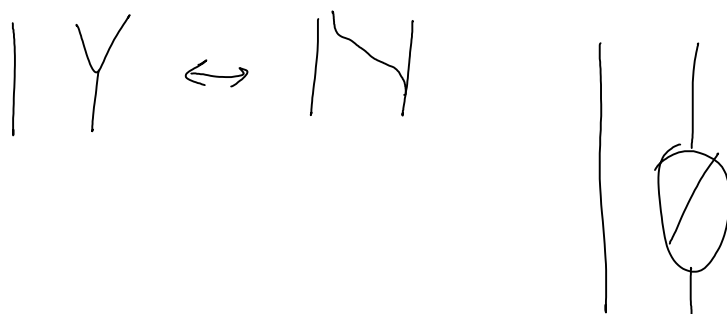
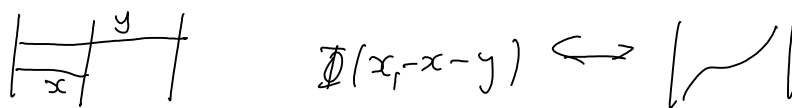
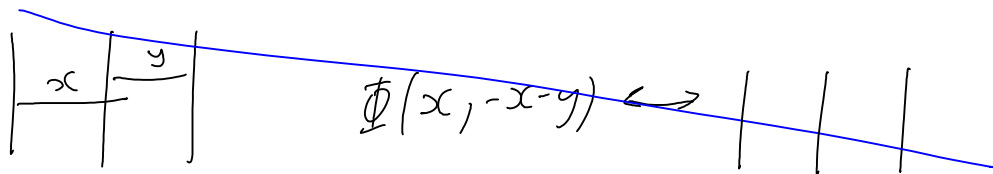


$$\mu_{\Phi} : x \mapsto \Phi(x, -x-y)x\Phi(x, -x-y)^{-1}, \quad y \mapsto e^{-(x+y)/2}\Phi(y, -x-y)y\Phi(y, -x-y)^{-1}e^{(x+y)/2}.$$

Our main result (Theorem 2.1) is the identity

$$(2) \quad \Phi(t_{12}, t_{23}) \circ \mu_{\Phi}^{12,3} \circ \mu_{\Phi}^{1,2} = \mu_{\Phi}^{1,23} \circ \mu_{\Phi}^{2,3}.$$



Maybe there's some friendship between w-brands and annular braids?