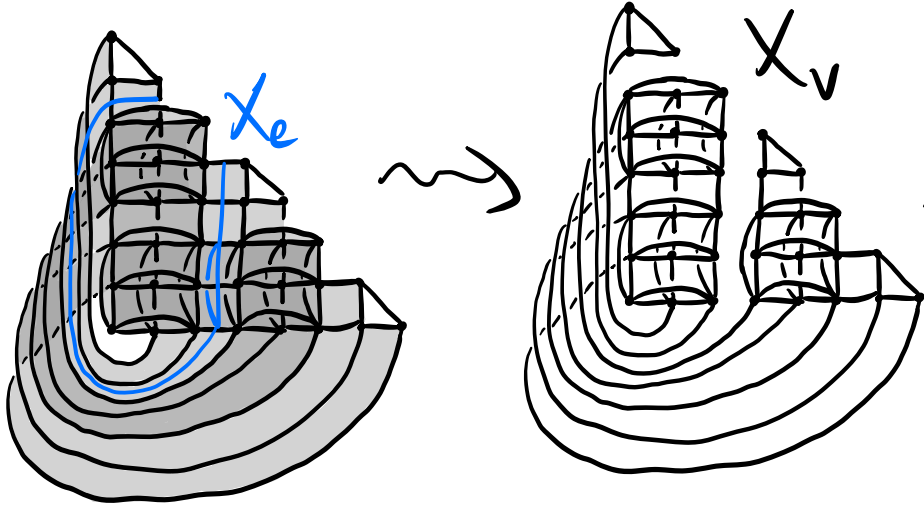
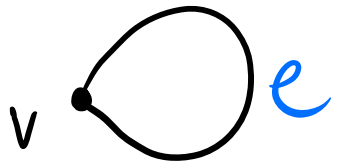
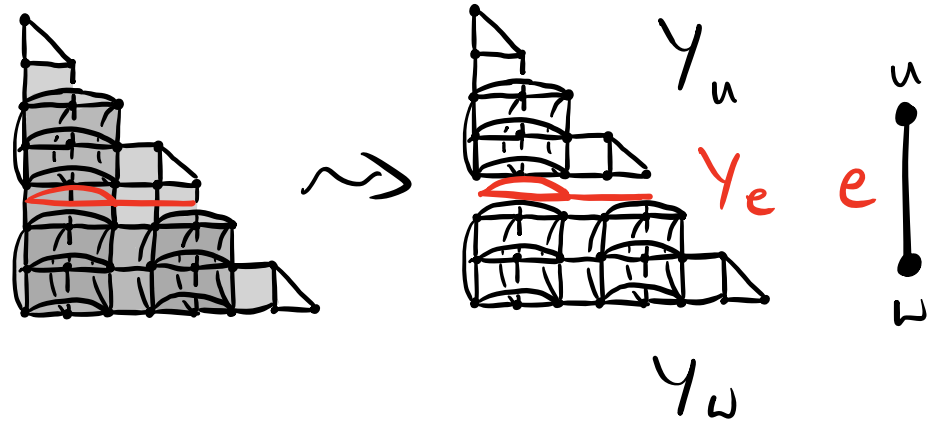


X

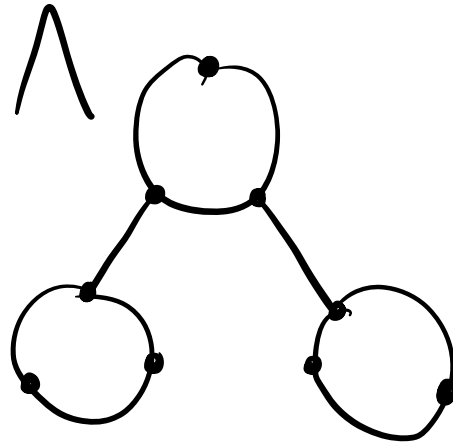
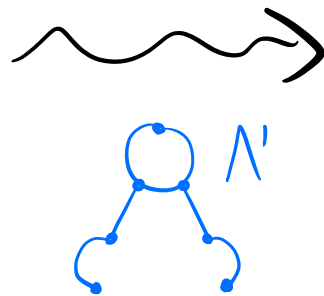
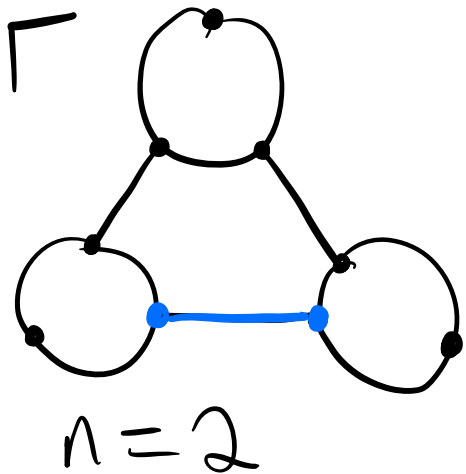


Y



$$\pi_1(X) \cong \pi_1(X_u) *_{\pi_1(X_e)} \pi_1(X_v)$$

$$\pi_1(Y) \cong \pi_1(Y_u) *_{\pi_1(Y_e)} \pi_1(Y_v)$$



$$\mathcal{B}_2(\Gamma) \cong \mathcal{B}_2(\Lambda) *_{\mathcal{B}_1(\Lambda')} \mathcal{B}_1(\Lambda')$$