$$\widetilde{Q}^1$$

$$\widetilde{Q}^1(\kappa)$$

$$\Gamma$$

$$Q^1$$

$$|Q^1 \cap \Gamma| > \gamma |Q^1|$$

$$Q^1\left(\tfrac{1}{2}\right)$$

$$x_{\sigma_{\Gamma \cap D}(z)}$$

$$x_{\sigma_A(x)} = y$$

$$x_{\sigma_B(y)} = z$$

$$x$$

$$A = \coprod_{i \in I_0} \widetilde{Q^i}(\kappa), \qquad B = \coprod_{i \in I_0} Q^i\left(\frac{1}{2}\right), \qquad D = \coprod_{i \in I_0} Q^i$$