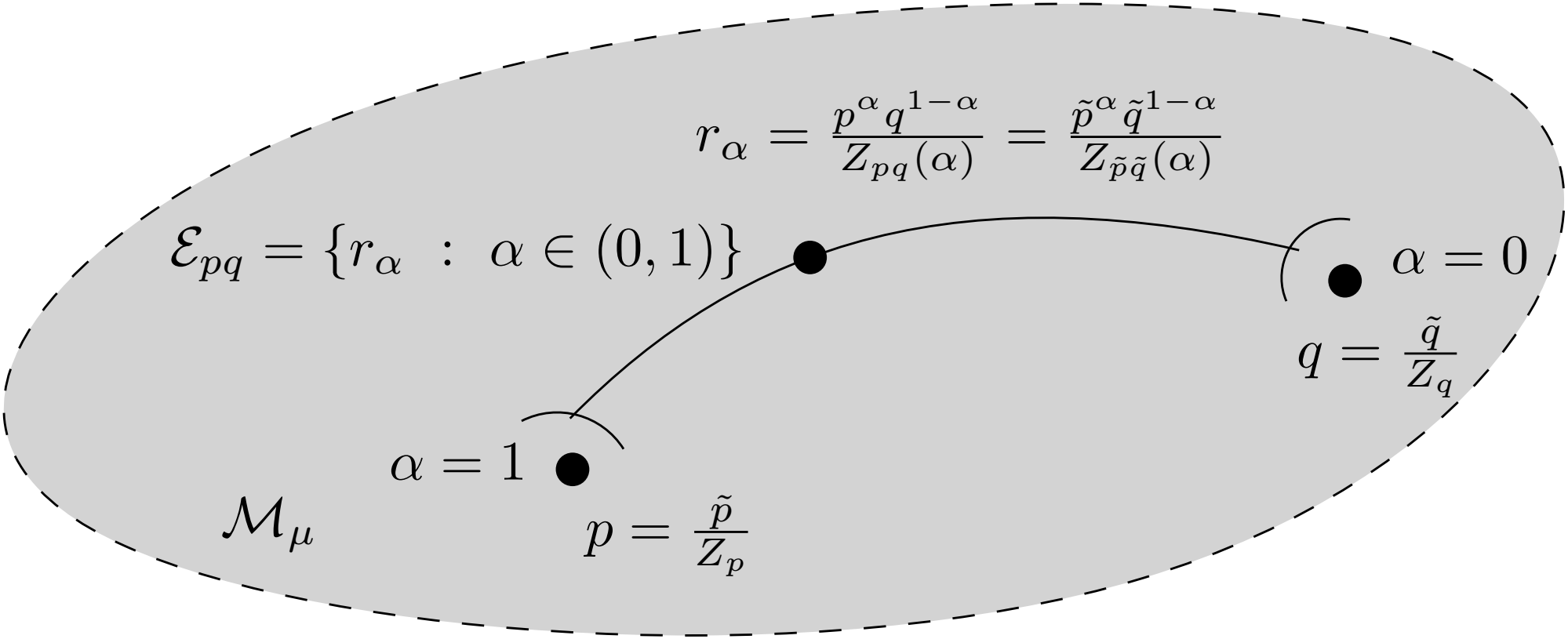
$r_\alpha = \frac{p^\alpha q^{1-\alpha}}{Z_{pq}(\alpha)} = \frac{\tilde{p}^\alpha \tilde{q}^{1-\alpha}}{Z_{\tilde{p}\tilde{q}}(\alpha)}$
$\mathcal{E}_{pq} = \{r_\alpha \ : \ \alpha \in (0,1)\}$
$\alpha = 0$
$q = \frac{\tilde{q}}{Z_q}$
$\alpha = 1$
$\mathcal{M}_\mu$
$p = \frac{\tilde{p}}{Z_p}$