

$$\mathcal{Z}_{\underline{\mathbf{d}}, \underline{\mathbf{d}}'} \subseteq \mathrm{Rep}_{\underline{\mathbf{d}}}(Q) \times \mathcal{F}_{\underline{\mathbf{d}}} \times \mathcal{F}_{\underline{\mathbf{d}}'}$$

A commutative diagram illustrating the relationship between the space $\mathcal{Z}_{\underline{\mathbf{d}}, \underline{\mathbf{d}}'}$ and the product space $\mathcal{F}_{\underline{\mathbf{d}}} \times \mathcal{F}_{\underline{\mathbf{d}}'}$. The diagram consists of three nodes and two curved arrows:

- The top node is $\mathcal{Z}_{\underline{\mathbf{d}}, \underline{\mathbf{d}}'}$.
- The bottom-left node is $\mathrm{Rep}_{\underline{\mathbf{d}}}(Q)$.
- The bottom-right node is $\mathcal{F}_{\underline{\mathbf{d}}} \times \mathcal{F}_{\underline{\mathbf{d}}'}$.

Two curved arrows originate from $\mathcal{Z}_{\underline{\mathbf{d}}, \underline{\mathbf{d}}'}$:

- An arrow labeled $\mu_{\underline{\mathbf{d}}, \underline{\mathbf{d}}'}$ points to $\mathrm{Rep}_{\underline{\mathbf{d}}}(Q)$.
- An arrow labeled $\pi_{\underline{\mathbf{d}}, \underline{\mathbf{d}}'}$ points to $\mathcal{F}_{\underline{\mathbf{d}}} \times \mathcal{F}_{\underline{\mathbf{d}}'}$.