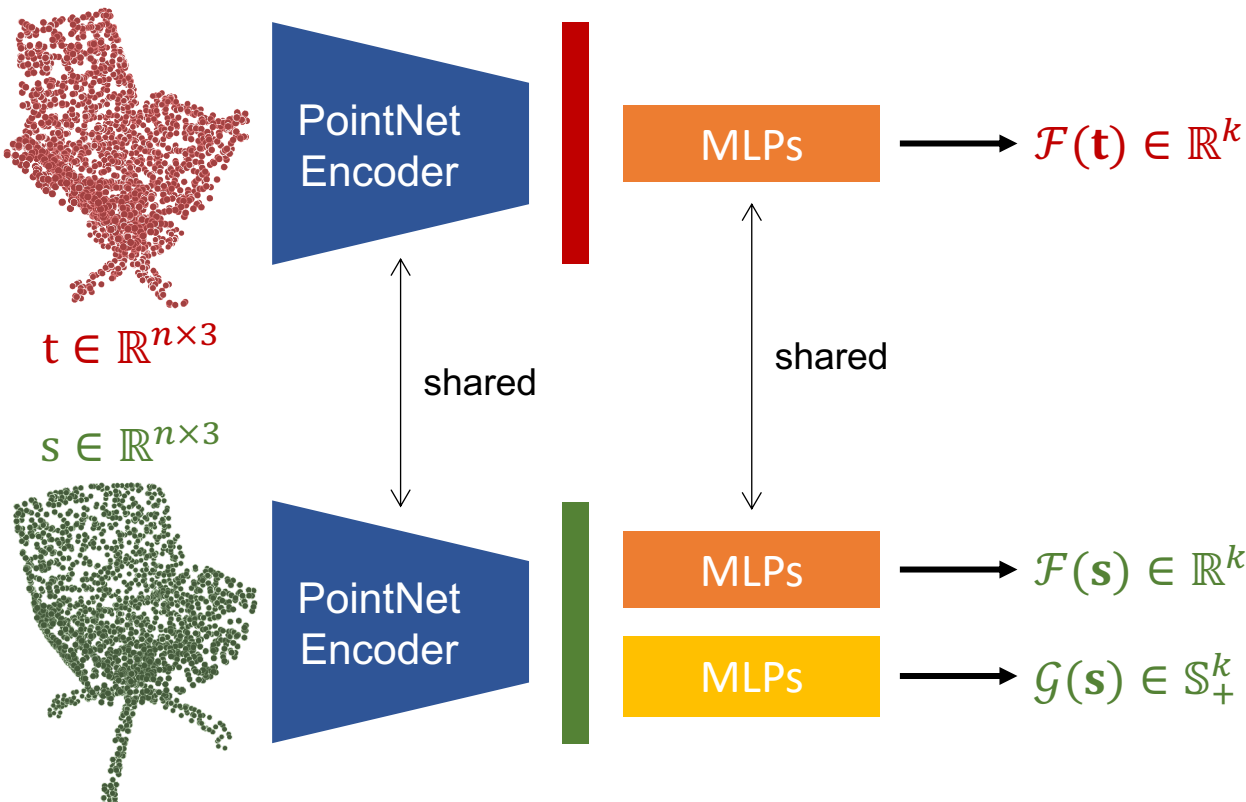
PointNet Encoder
MLPs
$\mathcal{F}(\mathbf{t}) \in \mathbb{R}^k$
$\mathbf{t} \in \mathbb{R}^{n\times 3}$
shared
shared
$\mathbf{s} \in \mathbb{R}^{n\times 3}$
PointNet Encoder
MLPs
$\mathcal{F}(\mathbf{s}) \in \mathbb{R}^k$
MLPs
$\mathcal{G}(\mathbf{s}) \in \mathbb{S}_+^k$