$$\tilde{\mathcal{T}}(\boldsymbol{x}) = \operatorname{Span} \tilde{k}(x_i, .)_{i \in [N]}$$

$$\mathcal{E}_N^{\tilde{\mathcal{T}}} = \operatorname{Span}(e_j^{\tilde{\mathcal{T}}})_{j \in [N]}$$

$$\theta_N(\tilde{\mathcal{T}}(\boldsymbol{x}), \mathcal{E}_N^{\tilde{\mathcal{T}}})$$