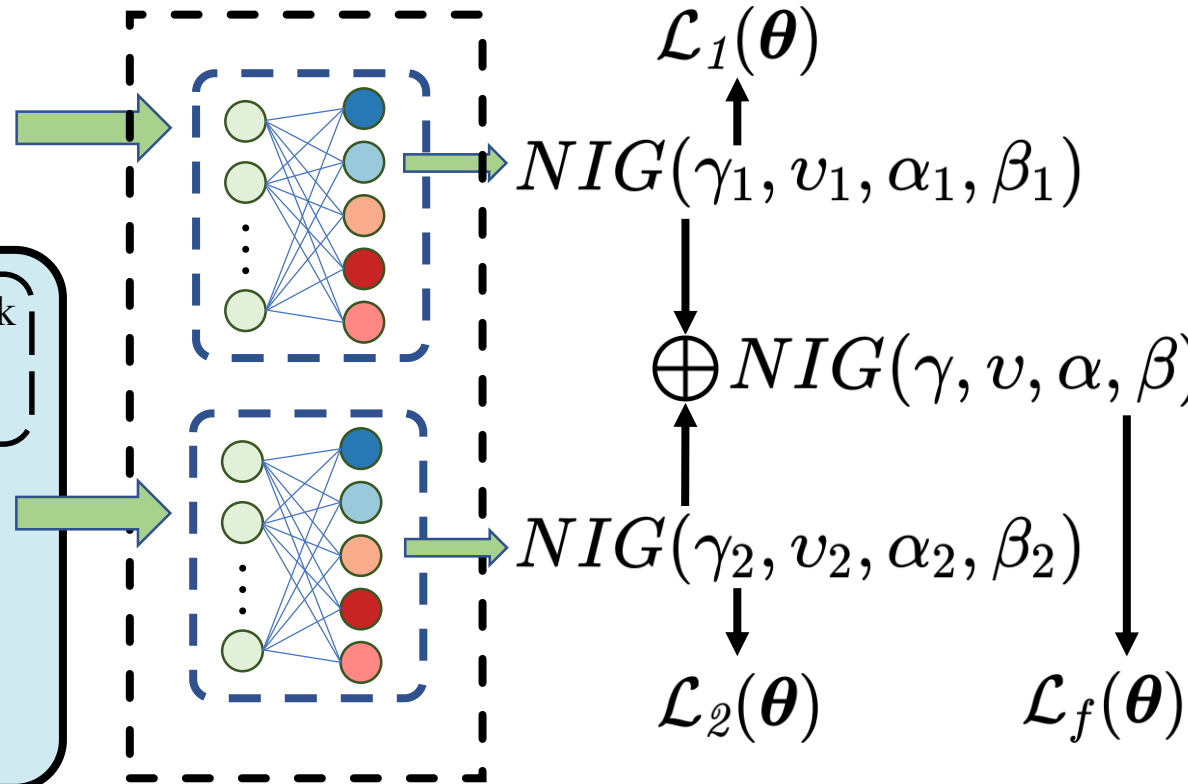
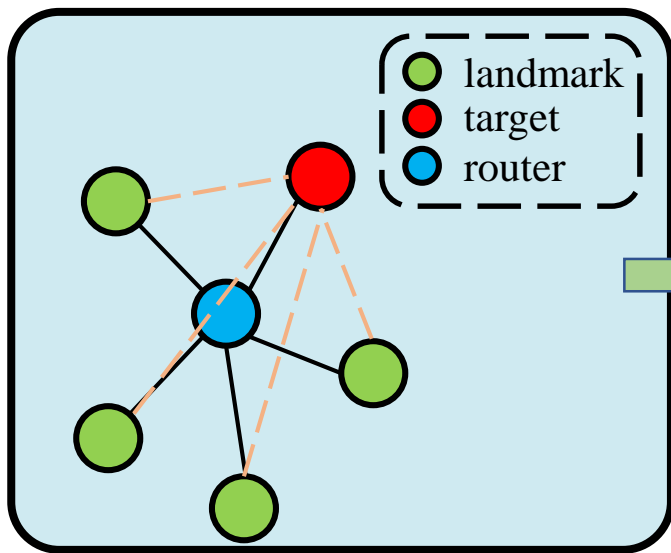
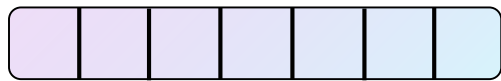


$$\mathcal{L}(\theta) = \mathcal{L}^{\text{NLL}}(\theta) + \lambda \mathcal{L}^{\text{R}}(\theta) \quad \mathcal{L}_{\text{all}}(\theta) = \sum_{i=1}^2 \mathcal{L}_i(\theta) + \mathcal{L}_f(\theta)$$

self-information



Deep Evidential Network


 $(\widehat{\text{lon}}_T, \widehat{\text{lat}}_T)$
prediction

Uncertainty

$$\mathbb{E}[\sigma^2] = \frac{\beta}{\alpha - 1}$$

aleatoric

$$\text{Var}[u] = \frac{\beta}{v(\alpha - 1)}$$

epistemic