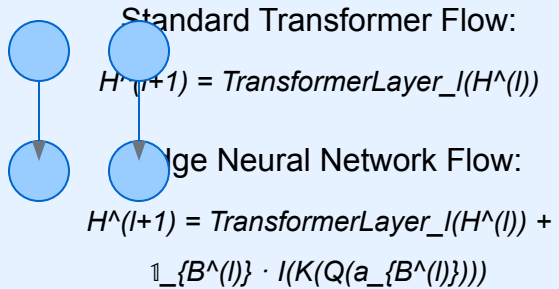
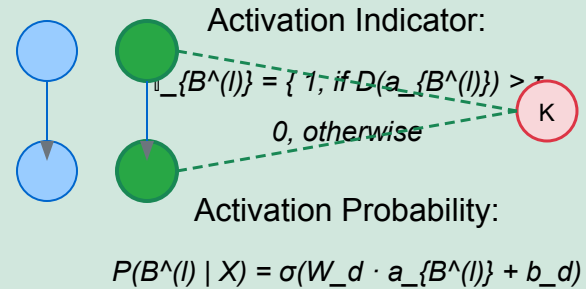


# Mathematical Framework for Bridge Neural Networks

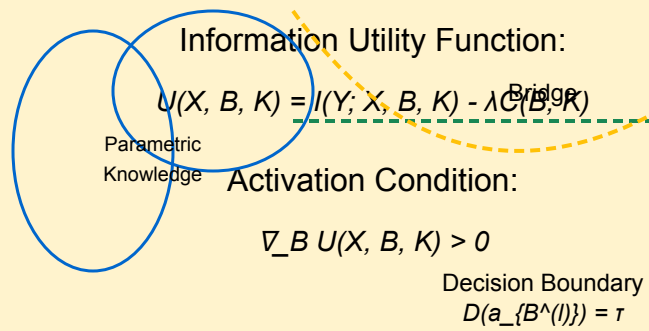
## Modified Transformer Equations



## Bridge Activation Function



## Information Theoretic Perspective



## Capacity Analysis

