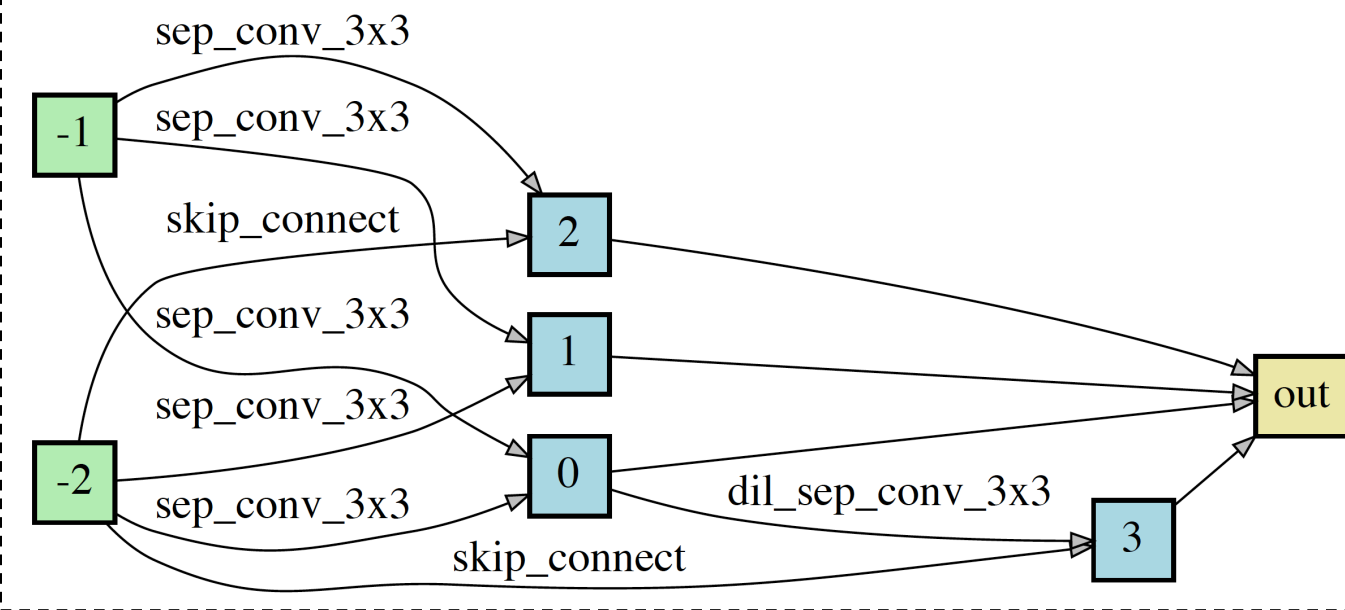
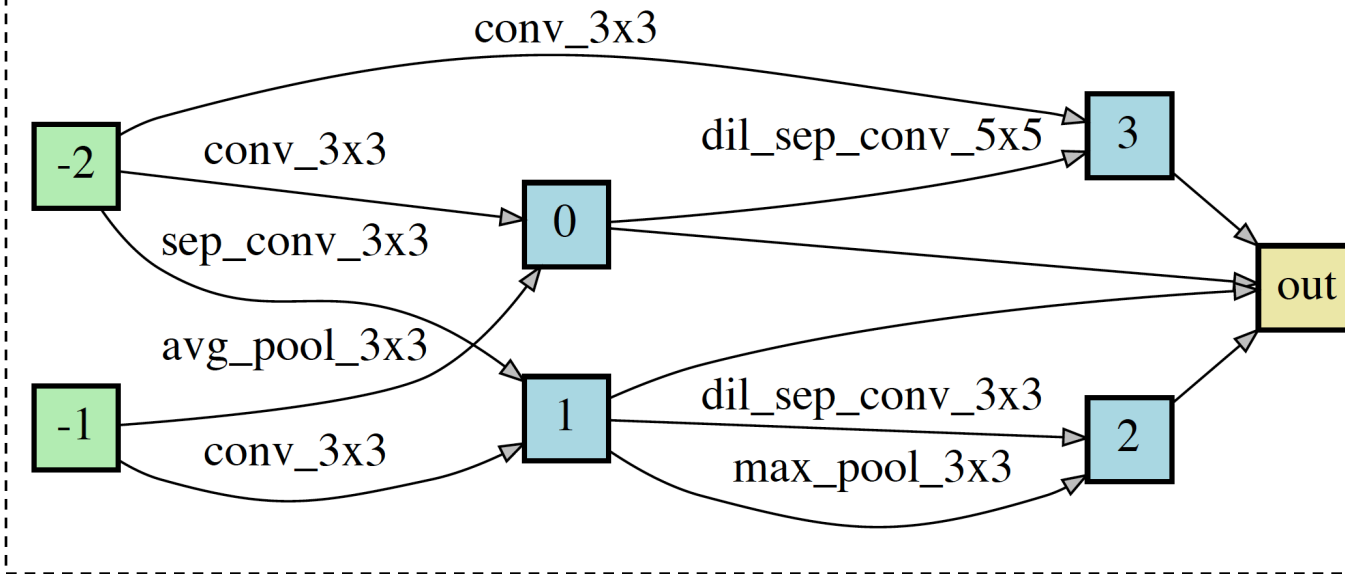


## Original Architectures $\beta$

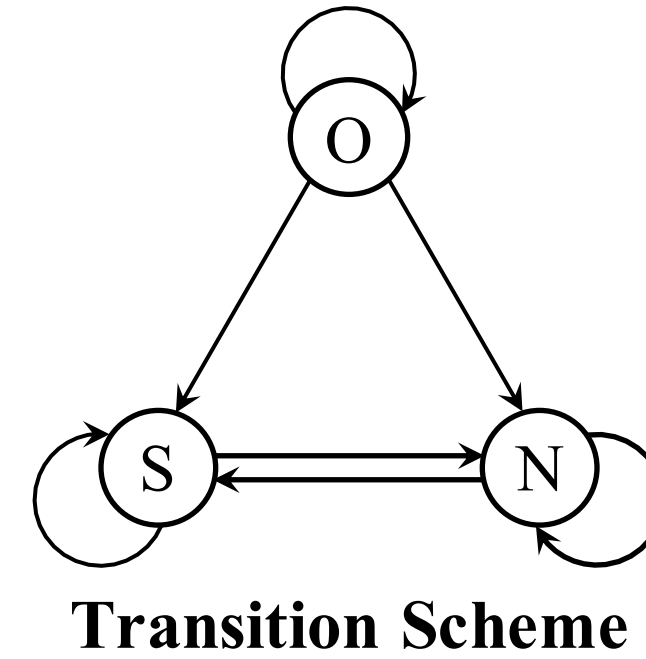
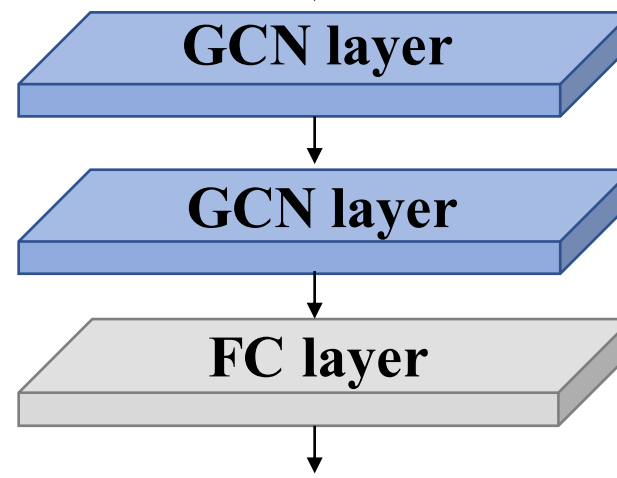
### Original Architecture 1



### Original Architecture 2



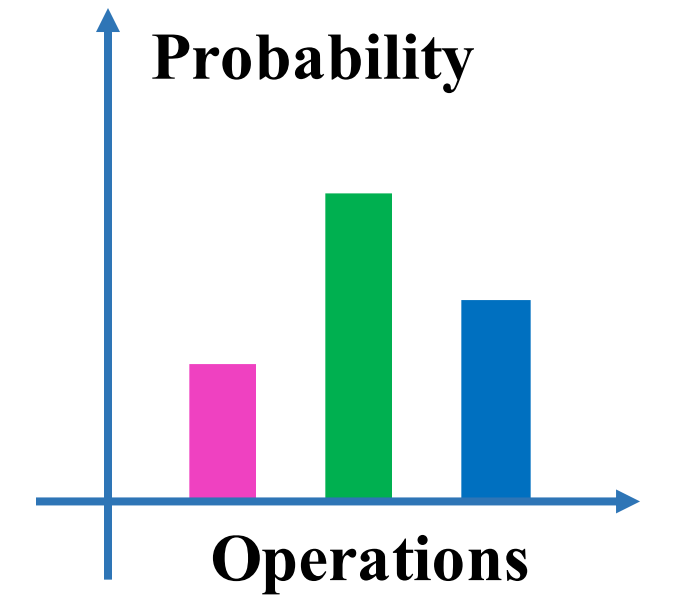
## Neural Architecture Transformer



Controller Model

Transition Scheme

## Optimization Policy



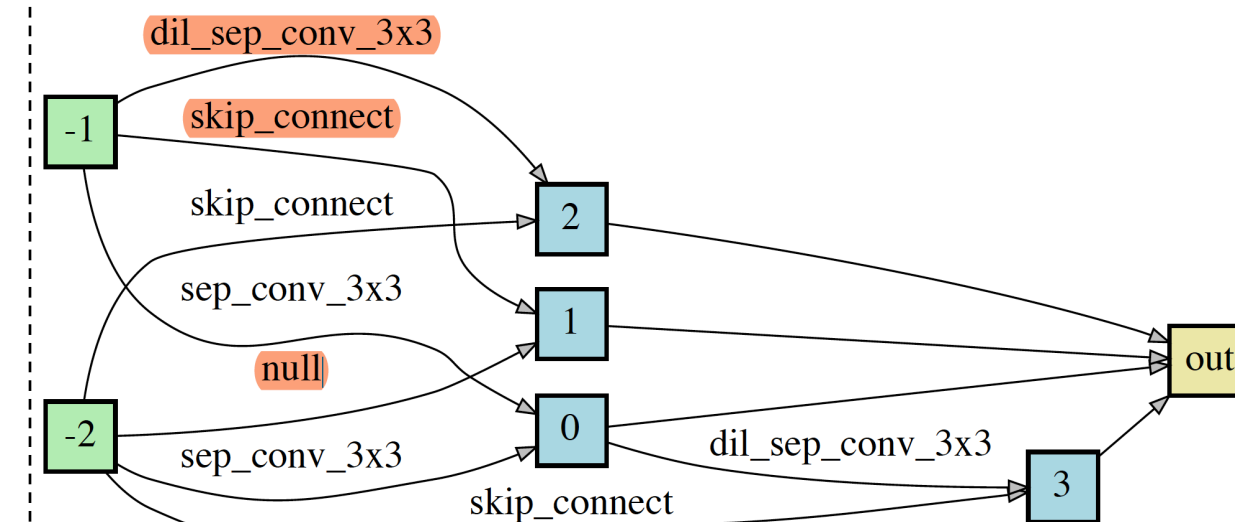
Sampling

Update Controller

$R(\alpha|\beta)$

## Optimized Architectures $\alpha$

### Optimized Architecture 1



### Optimized Architecture 2

