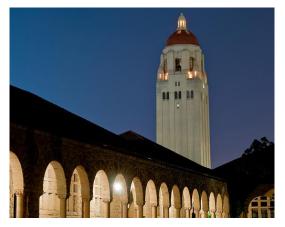


## Neural Style Transfer

## Cost function

## Neural style transfer cost function



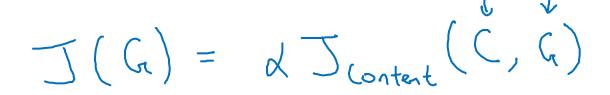
Content C



Style S



Generated image G



## Find the generated image G

1. Initiate G randomly

G: 100×100×3



2. Use gradient descent to minimize J(G)

$$G = G - \frac{3}{4} J(G)$$











