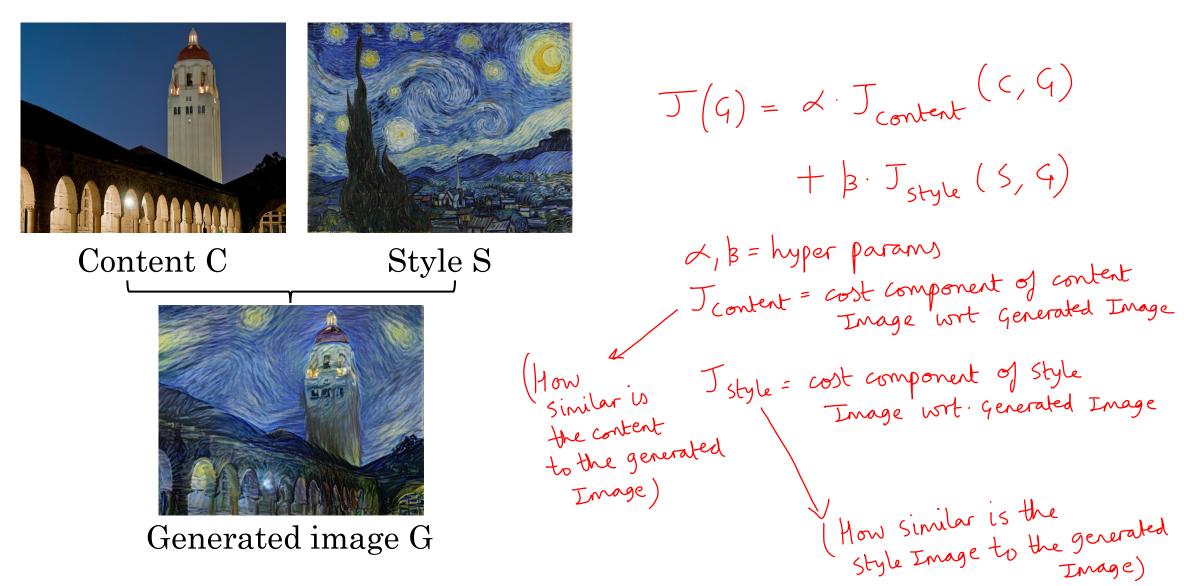


## Neural Style Transfer

## Cost function

## Neural style transfer cost function



[Gatys et al., 2015. A neural algorithm of artistic style. Images on slide generated by Justin Johnson] Andrew Ng

## Find the generated image G

1. Initiate G randomly

G:  $100 \times 100 \times 3$ 

2. Use gradient descent to minimize J(G)











