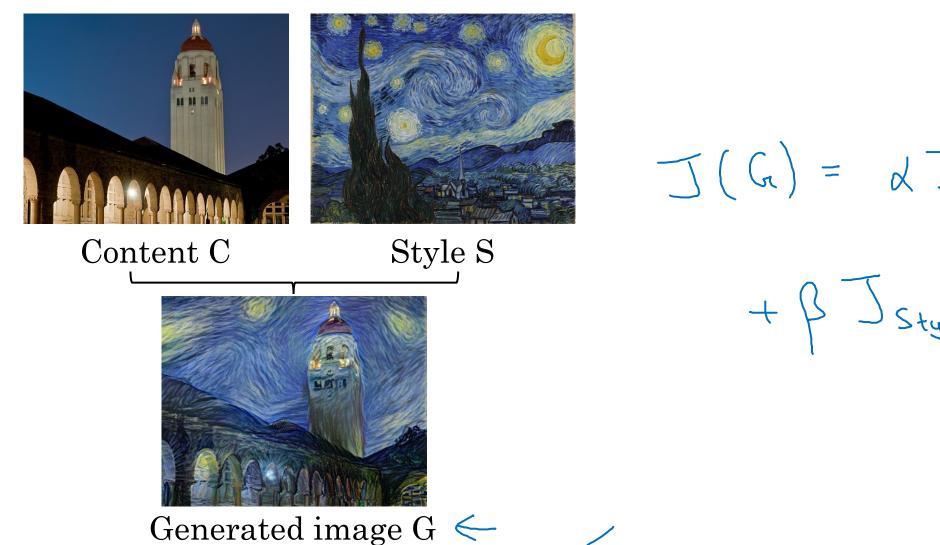


Neural Style Transfer

Cost function

Neural style transfer cost function



$$J(G) = d J_{content}(G, G)$$

$$+ \beta J_{style}(S, G)$$

Andrew Ng

Find the generated image G

1. Initiate G randomly

$$\underline{G}$$
: $\underline{100} \times \underline{100} \times \underline{3}$

2. Use gradient descent to minimize J(G)

$$G:=G-\frac{\lambda}{2G}J(G)$$











