Hello World!

of two categories. Stow Neural Method Based On Online Image Optimization and Fast Neural Method Based On Offilme Model Optimization. The first category transfers the style by teartwely optimizing an image, Lee, algorithms belong to this category are built on thomas (Neural Long) to the category are built on the long Reconstration techniques. The second category optimizes a generative model offline and produces the stylend image with a single forward pass, which neurally exploits the idea of Fast Image Reconstruction techniques.

4.1. Slow Neural Method Based On Online Imag Optimisation

Deephronn [5] is the first attempt to produce articles magnety preventing CoN representations with Slaw lange Recommendering changes. By Infrare combining Mannager Secretific Prisers Medicalling selection, 15th Slaw Recommendering changes from Section [5]. Slaw Neural questily proposed, which hald the early foundations for the corresponding option of the Control Infrare Section Section 15th S

4.1.1 Parametric Slow Neural Method with Summary Statistics

The first subset of Slow Neural Methods is based on Para metric Texture Modelling with Summary Statistics. Th

We can the jurisdessing the first properties appropriate proposed by Grays et al. [2, 4]. By concentrating representations from intermediate layers in VGG network. (Layes et al. 6-2) was the deep consolidation iterated network is capitale of surprise and the contraction of the c

Given a content image I_c and a style image I_s , the algo-

the following objective

 $I^* = \underset{I}{\operatorname{arg min}} \mathcal{L}_{total}(I_c, I_s, I)$ = $\underset{I}{\operatorname{arg min}} \alpha \mathcal{L}_c(I, I) + \beta \mathcal{L}_c(I, I)$ (4)

where \mathcal{L}_a compares the content representation of a given content image to that of the (yet unknown) stylised image, and \mathcal{L}_a compares the Gram-based style representation derived from a style image to that of the (yet unknown) stylised image. α and β are used to balance the content

The content loss \mathcal{E}_{e} is defined by the squared Euclidean distance between the feature representations \mathcal{F}^{e} of the content image I_{e} in layer l and that of the (yet unknown tribiled lines I_{e}).

$$\mathcal{L}_c = \sum \|\mathcal{F}^l(I_c) - \mathcal{F}^l(I)\|^2,$$
 (5)

where $\{l_e\}$ denotes the set of VGG layers for computing the content loss. For the style loss $\mathcal{L}_{e,e}$ [4] exploits Grambosed visual texture modelling technique to model the style which has already been explained in Section 3.1. Therefore the style loss is defined by the squared Buclidean distance the style loss is defined by the squared Buclidean distance

$$\mathcal{L}_s = \sum \|G(\mathcal{F}^l(I_s)') - G(\mathcal{F}^l(I)')\|^2$$
, (6)

where \mathcal{G} is the aforementioned Gram matrix to encode the second order attains of the set of filter exposes. He was a similar to the second order attains of the set of the responses, stayle loss. The choice of $\{\ell_i\}$ and $\{\ell_i\}$ empirically for loss the principle that the suage of lose they tracked loss the principle that the suage of lose they are as a period of the second of the secon

In Equation (4), both C_a and C_a see differentiable. Thus with random noise as the initial I, Equation (4) can be min imised by using gradient descent in image space with back propagation. In addition, a total variation denoising term is usually added to encourage the smoothness in the stylised result in once tick.

Gram-based style representation is not the only choice to statistically encode style information. There are also some other effective statistical style representations, which are derived from Gram-based representation. Li et al. [27]



Figure 1: \includegraphics 명령으로 부른 그램(축소/확대)



Figure 2: \includegraphics 명령의 그림 크기 조절

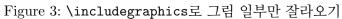




Figure 4: \includegraphics* 명령의 잘라오기 및 그림 크기 변경





captionPostScript 그림 eps.png의 원본 및 반시계 방향으로 30 °회전한 결과



Figure 5: * 있는 \includegraphics* 명령



외쪽 문자–

Figure 6: * 없는 \includegraphics 명령