Eurographics Symposium on Rendering 2013
Nicolas Holzschuch and Szymon Rusinkiewicz
(Guest Editors)

*Volume 32 (2013), Number 4*

# Generating Pointillism Paintings Based on Seurat's Color Composition
## *Supplemental Materials*

Yi-Chian Wu[1], Yu-Ting Tsai[2], Wen-Chieh Lin[1], and Wen-Hsin Li[1]

[1]Department of Computer Science, National Chiao Tung University, Taiwan
[2]Department of Computer Science and Engineering, Yuan Ze University, Taiwan

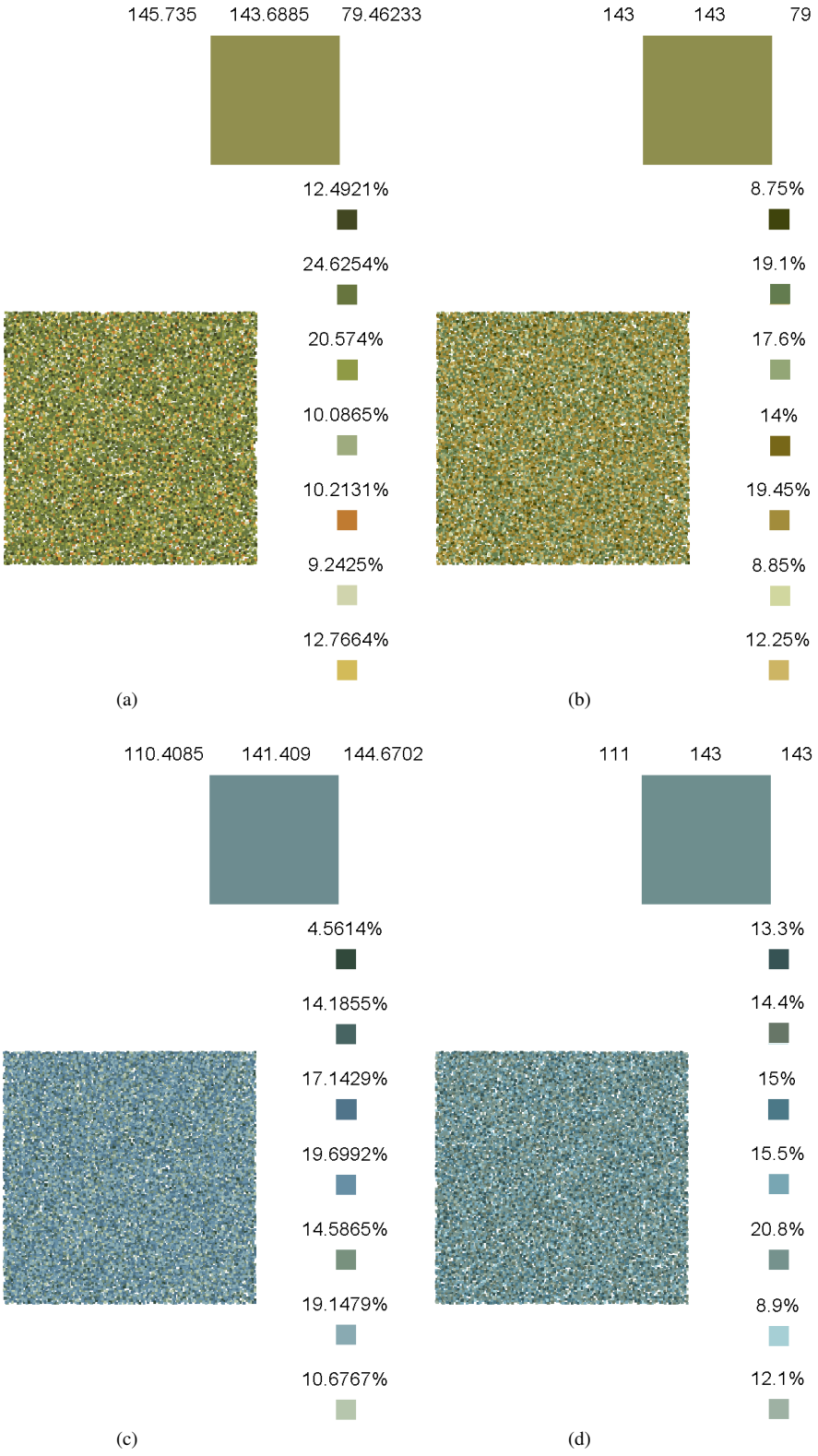


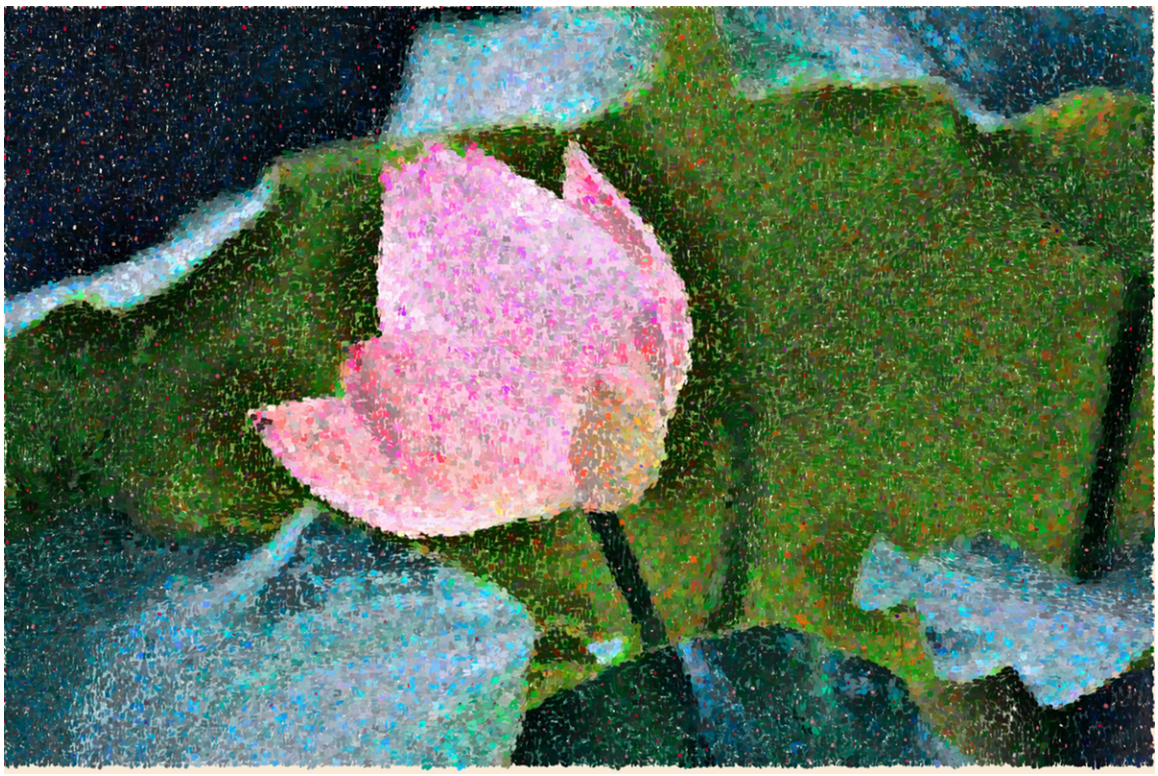

**Figure 1:** *Justification of extrapolation. (a) and (c): color data from real Seurat's paintings; (b) and (d): extrapolated and synthesized colors using our method.*

(a) Input image

(b) Our result

**Figure 2:** *Input image and synthesized result of our method (pink flower).*

(a) Hays & Essa



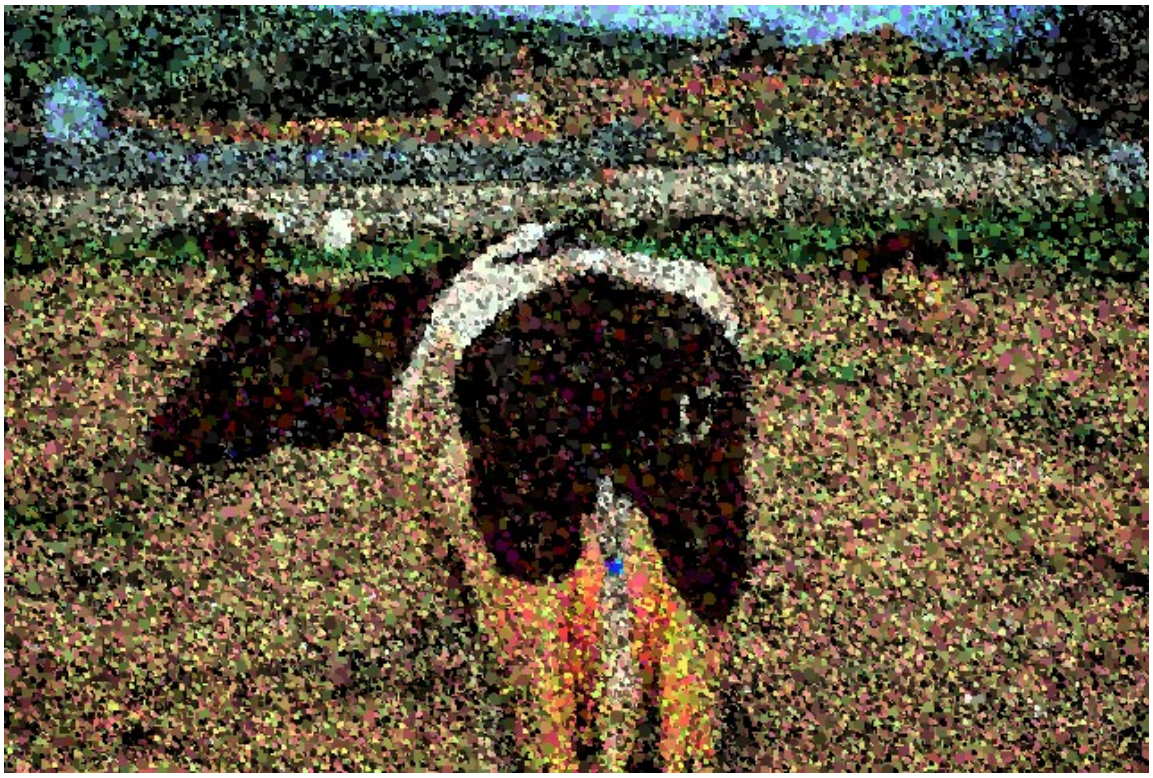
(b) Yang & Yang

**Figure 3:** *Synthesized result of previous methods (pink flower).*

(a) Input image

(b) Our result

**Figure 4:** *Input image and synthesized result of our method (cow).*



(a) Hertzmann

(b) Yang & Yang

**Figure 5:** *Synthesized result of previous methods (cow).*

(a) Input image

(b) Our result

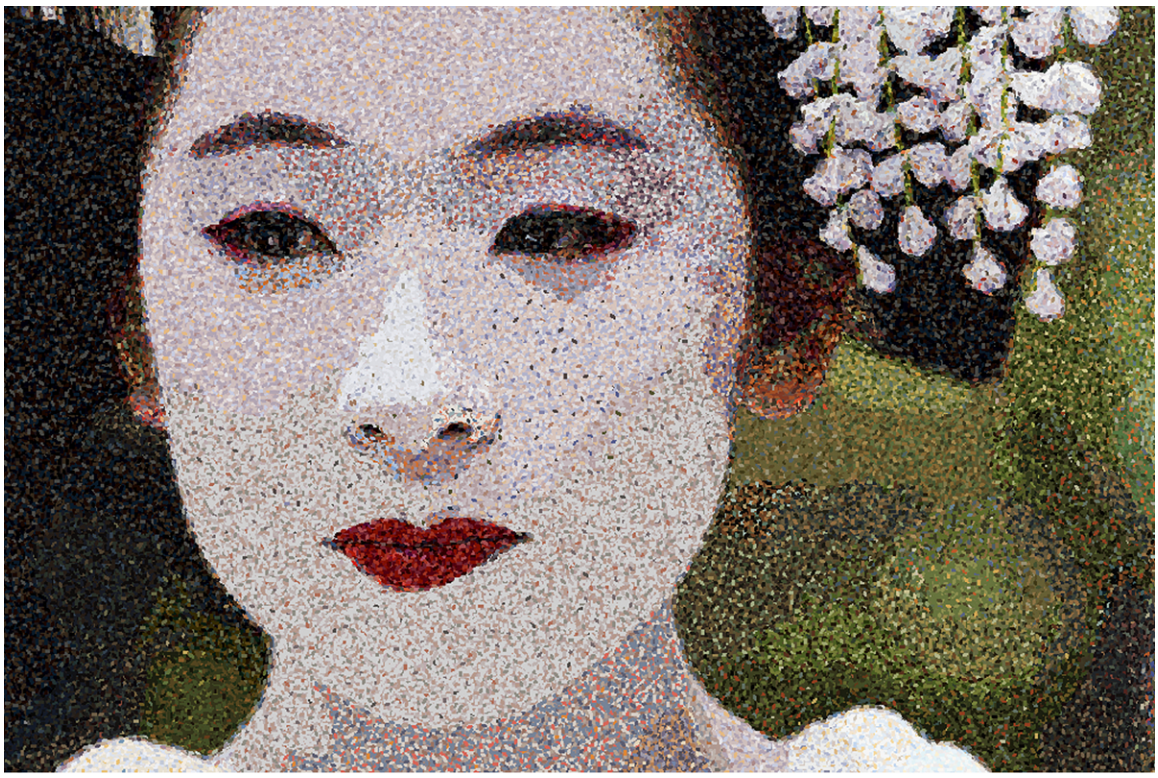
**Figure 6:** *Input image and synthesized result of our method (columns).*

(a) Luong et al.

(b) Yang & Yang

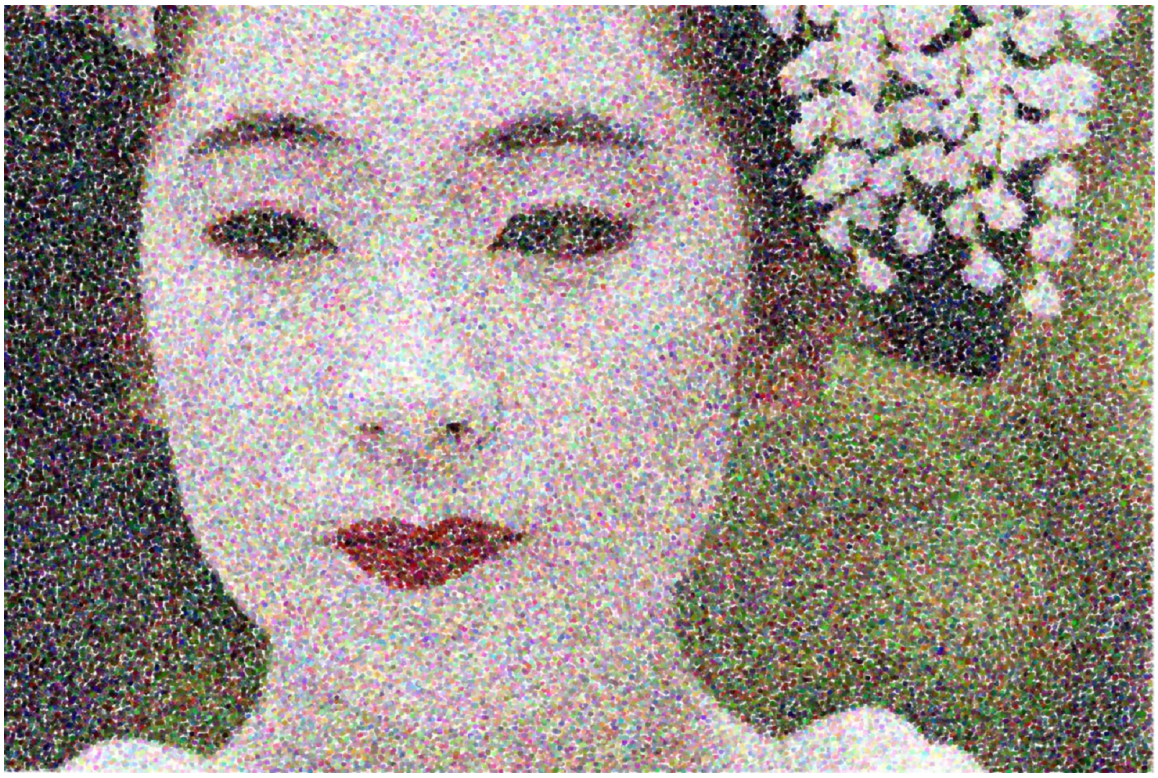
**Figure 7:** *Synthesized result of previous methods (columns).*

(a) Input image



(b) Our result

**Figure 8:** *Input image and synthesized result of our method (geisha).*



(a) Hays & Essa

(b) Yang & Yang

**Figure 9:** *Synthesized result of previous methods (geisha).*

(a) Input image

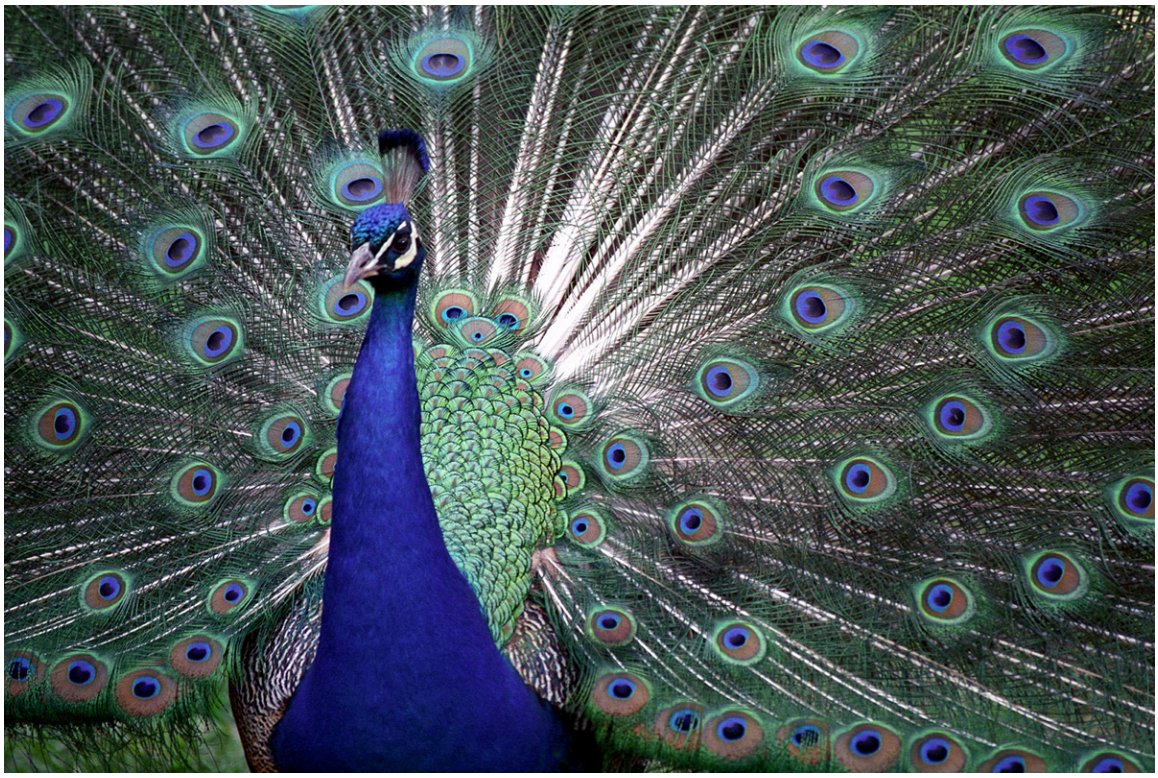
(b) Our result

**Figure 10:** *Input image and synthesized result of our method (beach).*

(a) Input image

(b) Our result

**Figure 11:** *Input image and synthesized result of our method (bridge).*



(a) Input image

(b) Our result

**Figure 12:** *Input image and synthesized result of our method (peacock).*

(a) Input image

(b) Our result

**Figure 13:** *Input image and synthesized result of our method (tulip).*

(a) Input image

(b) Our result

**Figure 14:** *Input image and synthesized result of our method (sunset).*

(a) Input image

(b) Our result

**Figure 15:** *Input image and synthesized result of our method (lake).*

(a) Input image with halos

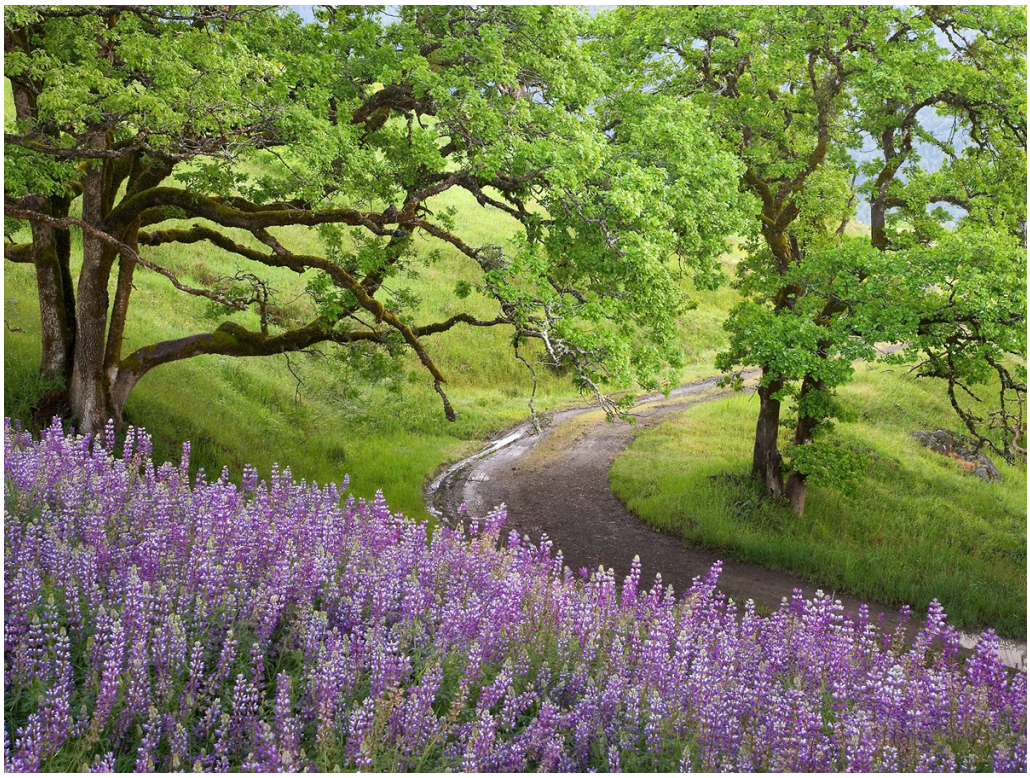
(b) Our result

**Figure 16:** *Input image with halos and synthesized result of our method (cat).*

(a) Input image

(b) Our result

**Figure 17:** *Input image and synthesized result of our method (castle).*



(a) Input image

(b) Our result

**Figure 18:** *Input image and synthesized result of our method (country).*

(a) Input image

(b) Our result

**Figure 19:** *Input image and synthesized result of our method (pavilion).*