Image Processing for the Imagination
Part I: Compositing
Linear Image Blending

20% Sunrise

40% Lake

40% Couple
Salience Preserving Image Blending
Color Preserving Image Blending
Linear Image Blending
RGB Color Operators

$[0, 1]^3$ Linear Color Space
Our Color Operators

$R^3$ Nonlinear Color Space
Part II: Rendering
Stylized Image Rendering

Template Photograph

Procedural Rendering Style

Geometric Rendering Style

Adaptive Sampling

Voronoi Diagram

Delaunay Triangulation
Part III: Recoloring
Find and Replace Color Gradients

Original Parrot  Preservation = 0.20  Recolored Parrot  Influence = 5.00

Edit Gradients

Find Gradient  Scope = 2.00  Replace Gradient  Emphasis = 0.50

Adjust Color

Adjust Contrast

Add  Delete  Mask  Keep  Restore  Quit