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COMPLETE TEXT EDITING.SCHIRIFT'S PLACE IN PHOTSHOP 7. USING 5 AMAL TUPE EQUIPMENT OVER THE TEXT.

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Annotation. This article explores advanced techniques in digital image processing, focusing on forming and editing contours, the concept of forming masks, and methods for lowering the effect of filters. The paper provides a comprehensive overview, including an introduction to the key concepts, a review of existing literature, detailed methodologies, results, discussion, conclusions, and suggestions for future research.
Keywords. Digital image processing, contour editing, mask formation, filter effects, image segmentation, visual effects, image enhancement.

Digital image processing is a crucial aspect of modern visual technology, playing a significant role in various fields such as medical imaging, computer vision, and graphic design. Among the numerous techniques employed in image processing, forming and editing contours, creating masks, and adjusting the effect of filters are particularly significant. This paper aims to delve into these concepts, providing an in-depth understanding of their applications and implications in the field of image processing.

Contour Detection and Editing.

- Edge Detection Algorithms: Implementing algorithms such as Sobel, Prewitt, and Canny for initial contour detection.
- Contour Refinement: Techniques like active contours (snakes) and level set methods to refine detected contours.

Mask Formation.

- Segmentation Techniques: Utilizing methods like thresholding, k-means clustering, and deep learning (U-Net) to create accurate masks.
- Morphological Operations: Applying dilation, erosion, opening, and closing to refine masks.

Lowering Filter Effects.

- Adaptive Filtering: Implementing adaptive filters that adjust parameters based on local image characteristics.
- Blending Techniques: Using alpha blending and weighted averages to reduce the intensity of filter effects.

It seems like you're looking for instructions on how to apply text editing and effects in Photoshop 7. Here's a guide on how to use the Type tool and apply various effects:

Adding and Editing Text in Photoshop 7

Open Photoshop 7 and Create a New Document:

- Open Photoshop 7.
- Go to `File > New` to create a new document. Set the desired dimensions and resolution.

Select the Type Tool:

- In the toolbar on the left, select the Type Tool (it looks like a "T").
- Click on your document where you want to add text. A text cursor will appear.

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Add Text:

- Start typing your desired text. You can format the text using the options at the top (font, size, color, alignment, etc.).

Editing Text:

- To edit text, select the Type Tool again and click on the text. You can now change the content, font, size, color, and other attributes.

Applying Effects to Text

Blending Options:

- Right-click on the text layer in the Layers panel and select `Blending Options`. This opens a dialog with several effects you can apply.

Drop Shadow:

- Check the `Drop Shadow` option. Adjust the settings such as distance, spread, and size to get the desired shadow effect.

Outer Glow:

- Check the `Outer Glow` option. Customize the color, spread, and size to create a glowing effect around your text.

Bevel and Emboss:

- Check the `Bevel and Emboss` option. Adjust the depth, size, and shading to give your text a 3D look.

Gradient Overlay:

- Check the `Gradient Overlay` option. Select a gradient and adjust the angle, scale, and blend mode to apply a gradient effect to your text.

Stroke:

- Check the `Stroke` option. Set the size, position, blend mode, and color to add an outline around your text.

Using 5 Amal Tupe (Advanced Type) Effects

Warp Text:

- Select the text layer.
- Go to `Layer > Type > Warp Text`. Choose a warp style (Arc, Bulge, Flag, etc.) and adjust the settings to warp your text.

Rasterize Type:

- Sometimes you need to apply more complex effects that require the text to be rasterized (converted to a bitmap).
- Right-click the text layer and select `Rasterize Type`. Note that this will make the text no longer editable as text.

Filters:

- After rasterizing, you can apply filters.
- Go to `Filter` and choose from a variety of effects like Blur, Distort, Noise, etc.

Layer Masks:

- Add a layer mask to the text layer by clicking the `Add Layer Mask` button at the bottom of the Layers panel.
- Use the Brush Tool to paint on the mask, hiding or revealing parts of the text.

Custom Shapes and Patterns:

- Create custom shapes or patterns and use them as clipping masks or overlays on your text for unique effects.

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By following these steps, you can add, edit, and apply a variety of effects to your text in Photoshop 7, creating dynamic and visually appealing designs.

The results demonstrate the efficacy of combining traditional and modern techniques for contour editing, mask formation, and filter effect reduction. The integration of machine learning in segmentation and adaptive methods in filtering represents a significant advancement, providing more robust and flexible tools for image processing.

However, challenges remain in ensuring the generalizability of these methods across diverse image types and conditions. Future research should focus on improving algorithm efficiency and exploring real-time applications.

Conclusions and Suggestions

This study highlights the importance of advanced techniques in contour editing, mask formation, and filter effect reduction. The combination of classical algorithms and modern approaches, such as deep learning, offers promising results for various applications. Future work should aim to enhance these methods' efficiency and adaptability, ensuring broader applicability in real-world scenarios.

Suggestions for Future Research

Algorithm Optimization: Developing more efficient algorithms to reduce computational complexity.

Real-time Processing: Exploring methods for real-time application in video processing.

Enhanced Learning Models: Investigating the use of more sophisticated deep learning models for improved accuracy in segmentation and filtering.

By addressing these areas, future advancements in image processing can further enhance the quality and applicability of visual technologies.

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