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June 9, 2024

Editor-in-Chief
Journal of Machine Learning Research

Dear Editor,

I am pleased to submit our manuscript entitled "xMGIE: Advanced MLLM-Guided Image Editing with Progressive Feature Blending, Cross-Attention Masking, Identity Embeddings, and Gaussian Blurring" for consideration for publication in the Journal of Machine Learning Research.

This manuscript presents a comprehensively enhanced version of the MLLM-Guided Image Editing (MGIE) framework. We incorporate four key techniques: Progressive Feature Blending (PFB), Cross-Attention Masking (CAM), Identity Embeddings (IE), and Gaussian Blurring (GB). Our work demonstrates significant improvements in the integration of generated content with the original image, control over the diffusion process, preservation of identity information, and enhancement of spatial coherence.

We believe that our findings represent a significant advance in the field of text-driven image editing and will be of great interest to the readers of your journal. The enhanced MGIE framework opens up new possibilities for highly controllable, identity-preserving, and spatially coherent creative image manipulation, with potential applications in digital art, advertising, entertainment, and beyond.

We affirm that this manuscript is original, has not been published before, and is not currently under consideration for publication elsewhere. All authors have read and approved the final version of the manuscript and agree with its submission to the Journal of Machine Learning Research.

Thank you for considering our manuscript for publication. We look forward

to your favorable response.

Sincerely,

Muhammad Ateeb Taseer