



INDIVIDUAL ASSIGNMENT

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Exploring Deep Learning Approaches for Real-Time Interactive Character Animation

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Abstract— Xxx

Index Terms

Character Animation, Deep Learning, Neural Networks, Interactive, Real-time

1. Literature Review

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Real-time interactive character animation contributes largely into the immersion of interactive applications such as games. Constructing such system that can react realistically and naturally to dynamic environments is extremely challenging without incorporating machine learning components. Thanks to the adoption of neural networks and the abundance of accelerated computing of GPUs in recent years, the animation industry has been able to benefit from it by harnessing the enormous learning capability of neural networks to revolutionize the interactive application industry.

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