Free to Select vTuber Avatar eLearning Video for University Ray Tracing Course

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Abstract : This project took place in the fall semester of 2019 from September 2019 to February 2020. It improves upon the design of a previous vTuber based eLearning video system by correcting criticisms from students and enhancing the positive aspects of the previous system. The transformed audio which has proven to be ineffective in previous experiments was not used in this experiment. The result is videos featuring 3 avatars covering different Ray Tracing subject matters being released weekly. Students are free to pick which videos they want to watch and can also re-watch any videos they want. The students' subjective impressions of each video is recorded and analysed to help further improve the system.