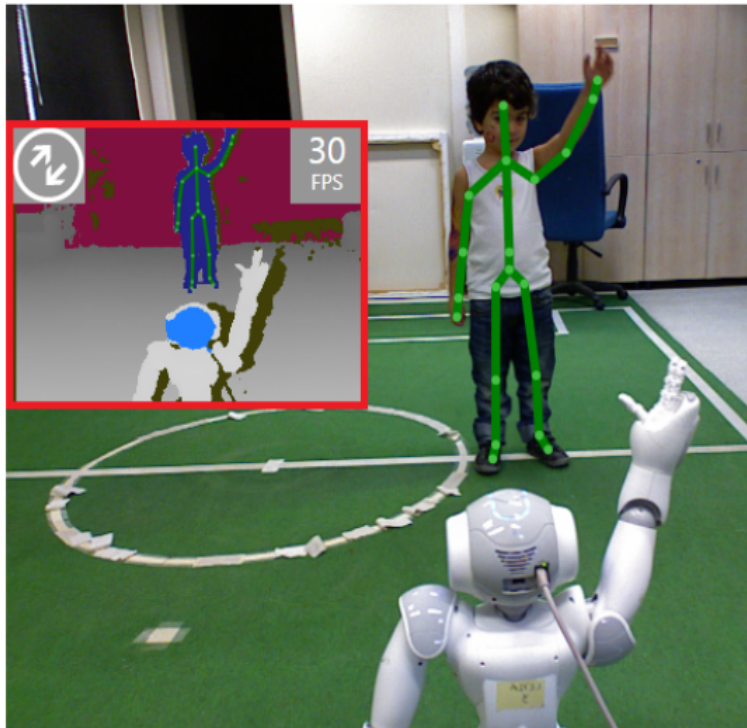


Auto-Evaluation of Motion Imitation in a Child-Robot Imitation Game for Upper Arm Rehabilitation

Arzu Guneyusu, Recep Doga Siyli and Albert Ali Salah ¹

Abstract— The purpose of this study is fusing play-like child robot interaction with physiotherapy in order to achieve upper arm rehabilitation by motivating the child. The proposed system is not intended to substitute for the physiotherapis assist them in their therapeutic tasks by encoura

et al. indicated that physical robots can effectively engage the attention of young users and that adaptation to user characteristics can be a useful tool in supporting sustained



Similarity Values of Auto-Segmented Motions

