

Robotic Rehabilitation for Paralyzed Arm

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Abstract: *This paper involves the design and implementation of a wearable 3D printed robotic hand controlled by motion of human hand. In the recent trend in technology, the demand and number of studies in Robotics field has been increased. In the literature there are number of studies on Robotics systems in various fields to facilitate the human life.*

Keywords: Robotics, Rehabilitation, Paralysis, Neuroplasticity, CIMT, Exoskeleton, Upper-extremities