

Design of prosthetic arms for people with disabilities.

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Abstract: This topic focuses on designing and implementing a prosthetic hand support system for people with disabilities, aiming to meet daily living needs. Through a study of the current situation, the topic identifies specific technical requirements regarding the flexibility, accuracy, and ease of control of the prosthetic hand. The research method includes synthesizing information from related works combined with experiments on prototypes to improve the design. It is expected that the development of this system will contribute to improving the quality of life for people with disabilities and promote the advancement of rehabilitation technology.

Keywords: prosthetic arm, disabled people, rehabilitation technology, system design, experimental application