

عنوان مقاله:

Designing and Fabrication of Postural Stabilometer : A Static Platform

محل انتشار:

هفدهمین کنفرانس مهندسی پزشکی ایران (سال: 1389)

تعداد صفحات اصل مقاله: 4

نویسندگان:

Mojtaba Gohari - Technical manager of Satrap company Tehran, Iran

Niyousha Mortaza - MSc Orthotist& Prosthetist Department of Orthotics and Prosthetics Iran University of Medical Sciences

خلاصه مقاله:

In this paper, designing and fabrication of a static Postural Stabilometer is described. The hardware and software implementation of the instrument is briefly reported. Sensors, hardware circuit, filter and A/D converter is presented in hardware section. Forces estimation, center of pressure (COP) position and sway index is stated in software section. Finally, the overall instrument is tested on several healthy subjects and their reports are presented in detail

کلمات کلیدی:

component; postural stabilometer, hardware, software

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/203033>

