Disease Recognition using Machine Learning Techniques

By Bhatia, Garima

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Healthcare is very important aspect in everyone's life. Elder people are usually dependent on medicines and continuous health support from outside environment for their health management. The bones of people in age group 65 and above have become so weak that they are not able to walk within their homes, so, they prefer to stay alone rather than being shifted to old age homes or nursing care centers as it gives a feeling of independence to them. To prevent the late recognition and treatment of health problems, systems for automatic health monitoring, diagnose and care have been proposed. Once the system identifies a problem, the physician is notified with the details of the problem diagnosed. The movement pattern of people is acquired using a motion capture system and then classified into: Parkinson disease, Back pain, Normal, Hemiplegia and leg pain. The various classification techniques are applied on the dataset and the clustering is done. Validity of the clustering algorithm is done using CVAP. The classification accuracies of various classification techniques are compared and tested. | Format: Paperback | Language/Sprache: english | 80 pp.

READ ONLINE
[3.75 MB]

Reviews

It is straightforward in read through better to fully grasp. I really could comprehended everything out of this composed e publication. Your way of life period will likely be transform when you full reading this article publication.
-- Merl Jaskolski II

A very awesome publication with perfect and lucid information. It is probably the most awesome book i have read. You may like how the author publish this pdf.
-- Dr. Celia Howell DVM

DMCA Notice | Terms