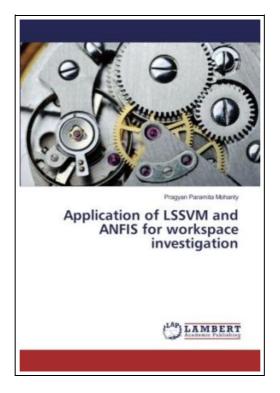
Application of LSSVM and ANFIS for workspace investigation



Filesize: 4.18 MB

Reviews

This book is really gripping and intriguing. it was writtern very perfectly and beneficial. I am easily will get a enjoyment of looking at a created ebook.

(Jaeden Stiedemann Sr.)

APPLICATION OF LSSVM AND ANFIS FOR WORKSPACE INVESTIGATION



To read **Application of LSSVM and ANFIS for workspace investigation** eBook, you should click the web link below and save the document or have accessibility to additional information which might be relevant to APPLICATION OF LSSVM AND ANFIS FOR WORKSPACE INVESTIGATION ebook.

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | In ergonomics and occupational biomechanics, an understanding of human posture is significant during manual operation in order to reduce the musculoskeletal disorders (MSDs). Avoidance of unnatural and awkward posture reduces muscle and joint stress and hence evaluates physical fatigue. Thus posture prediction is a method to avoid these inappropriate postures during manual operation. In this paper a kinematic model of human upper extremity is analyzed allowing the movements of all axes of kinematic chain of upper arm within a comfort zone representing the workspace in order to predict human upper arm comfort posture. The diagnosis of posture analysis of the upper extremities from the comfort work zone allows the operator to have a comfort work range within which possible posture can be accepted. Two artificial intelligence methods:Adaptive Neuro Fuzzy Inference System (ANFIS) and Least Square Support Vector Machine (LSSVM) are used to predict upper arm posture. This posture prediction can be described through a standard workspace design considering standard Indian anthropometric data. Results of predicted joint angles & actual joint angles are compared and the errors are evaluated. | Format: Paperback | Language/Sprache: english | 52 pp.



Read Application of LSSVM and ANFIS for workspace investigation Online Download PDF Application of LSSVM and ANFIS for workspace investigation

Related PDFs



[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Access the web link listed below to get "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers" PDF file.

Read Book

>>



[PDF] Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

Access the web link listed below to get "Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities" PDF file.

Read Book

>>



[PDF] Would It Kill You to Stop Doing That?

Access the web link listed below to get "Would It Kill You to Stop Doing That?" PDF file.

Read Book

..



[PDF] Violet Rose and the Surprise Party

Access the web link listed below to get "Violet Rose and the Surprise Party" PDF file.

Read Book

...



[PDF] 400+ Funny Jokes: Funny Jokes for Kids

Access the web link listed below to get "400+ Funny Jokes: Funny Jokes for Kids" PDF file.

Read Book

»



[PDF] Houdini's Gift

Access the web link listed below to get "Houdini's Gift" PDF file.

Read Book

»