





Home ► All Journals ► Engineering & Technology

► Computer Methods in Biomechanics and Biomedical Engineering ► List of Issues ► Volume 7, Issue 1

Genetically-designed Neural Networks for

Computer Methods in Biomechanics and Biomedical Engineering > Volume 7, 2004 - Issue 1

Views CrossRef citations to date Altmetric

Genetically-designed Neural Networks for Error Reduction in an Optimized Biomechanical Model of the Human Elbow Joint Complex

John Michael Rask, Roger V. Gonzalez 🔀 & Ronald E. Barr

Pages 43-50 | Received 17 Jun 2003, Accepted 29 Aug 2003, Published online: 20 Aug 2006

We and our 899 partners store and access personal data, like browsing data or unique identifiers, on your device.

support the purposes shown under "we and our partners process data to provide," whereas selecting "Reject All" or

withdrawing your consent will disable them. If trackers are disabled, some content and ads you see may not be as relevant to you. You can resurface this menu to change your

choices or withdraw consent at any time by clicking the ["privacy preferences"] link on the bottom of the webpage

[or the floating icon on the bottom-left of the webpage, if

For more details, refer to our Privacy Policy. Here

We and our partners process data to provide:

applicable]. Your choices will have effect within our Website.

Selecting "I Accept" enables tracking technologies to

66 Cite this article https://doi.org/10.1080/10255840310001634269

We Care About Your Privacy

Sample our Sports and Leisure



Full A

Repri

Abstra

A real til

the fi elect position

algorithm

in the d

structur ranked t

Experim

I Accept

Reject All

Show Purpose

en used as

ne

on of

enetic

reduction

network

nance is

t.

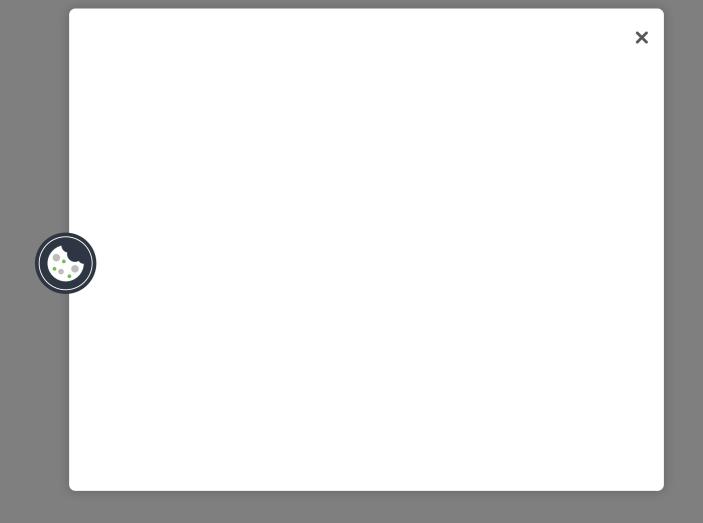
in 84.2% of

.5% of the the data

data sets from the subjects on which the model had not been trained. Furthermore, the GA networks reduced the error standard deviation across all subjects, showing that progress in error reduction was made evenly across all data sets.

Keywords:





Information for Open access **Authors** Overview R&D professionals Open journals Editors **Open Select** Librarians **Dove Medical Press** Societies F1000Research Opportunities Help and information Reprints and e-prints Advertising solutions Newsroom Accelerated publication Corporate access solutions Books Keep up to date Register to receive personalised research and resources by email Sign me up X or & Francis Group Copyright