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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

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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: [Biomechanics](#) [Elbow joint](#) [Genetic algorithm](#) [Neural network](#) [Optimization](#)

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