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computational kinematics 95 proceedings pdf

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Basics. Kinesiology is the study of human and nonhuman animal-body movements, performance, and function by applying the sciences of biomechanics, anatomy, physiology, psychology, and neuroscience. Applications of kinesiology in human-health include physical education teacher, rehabilitation, health and safety, health promotion, workplaces, sport and exercise industries.

Kinesiology - Wikipedia

1.. Introduction Artificial recurrent neural networks (RNNs) represent a large and varied class of computational models that are designed by more or less detailed analogy with biological brain modules. In an RNN numerous abstract neurons (also called units or processing elements) are interconnected by likewise abstracted synaptic connections (or links), which enable activations to propagate ...

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A tree with n vertices has at most $95^{\lfloor n/13 \rfloor}$ minimal dominating sets. The growth constant $\lambda = \sqrt[13]{95} \approx 1.4194908$ is best possible.

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Since the gradient needs to be backpropagated from the output through time, RNNs are inherently deep (in time) and consequently suffer from the same problems with training as regular deep neural networks (Bengio et al., 1994). To this end, several specialized memory units have been developed, the earliest and most popular being the Long Short Term Memory (LSTM) cell (Hochreiter and Schmidhuber ...

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Fish locomotion - Wikipedia

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