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Picower Institute Inaugural Symposium 2005: Future of the Brain (4/4) - Shulgin, Koch, Churchland

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First mathematical modeling Ph.D. student graduates from RIT Practicing a new skill triggers supply-demand changes in blood

flow that rearrange the architectural blueprints of WM microstructures. New white matter research shows how training-induced ...

Psychology Today

A team of computational scientists and researchers has developed a new artificial intelligence (AI) framework that allows for accelerated, scalable and reproducible detection of gravitational waves.

Scientists develops AI model to detect gravitational waves computational, and data-centric techniques; and predictive materials-specific theory, simulation, and modeling for materials research. First-

principles electronic structure, quantum many-body and ...

Condensed Matter and Materials Theory (CMMT)

Among all the numerical methods in seismology, the finite-

difference (FD) technique provides the best balance of accuracy and computational ... models of local surface sedimentary structures.

Earthquake Motions

Psilera Bioscience researches whether there are healing properties in psychedelics, which trigger hallucinations and intensified feelings.

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Andrew Gelman, a statistics professor at Columbia, and Aki Vehtari, a computer science professor at Finland's Aalto University, recently published a

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He aims to combine theory and simulation to model the fluid

mechanics and out-of-equilibrium statistical physics that are fundamental to complex fluids and other soft matter. His other research ...

The branched tips, called meristems, make up a logarithmic spiral, and the number of spirals on the head of Romanesco cauliflower is a Fibonacci number, which in turn is related to what's known as the ...

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Group Theory

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