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demonstrating the use of monitoring data for the development of structural reliability prediction models; (c) optimizing the planning of structural performance monitoring based on reliability ...

Frangopol awarded ISHMII Mufti Medal for civil structural health monitoring achievements

We aim to realize systems that help greatly shorten the material development time, develop materials efficiently, reduce costs, select materials, manufacture, optimize utilization manufacturing ...

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Development of MI System

This spotlight session reviews some of the topics and themes raised in C-FER's recent article for World Pipelines, entitled 'Revisiting the risk', written by staff engineer, Tyler Paxman and Mark ...

World Pipelines Spotlight with C-FER Technologies

Much of the research includes monitoring of prototypes or modelling at large scale, for example the dynamics of cable-stayed bridges such as the Second Severn Crossing, analysis of deep excavations ...

Civil Engineering

Jana Hersch, scientific consultant, Genedata, adds that correct prediction of how a complex biological will ... all of which are key structural critical quality attributes (CQA). Meanwhile, ...

Complex Biomolecules Require Analytical Evolution

The Structural Bioinformatics and Network ... artificial neural networks will also be revised to refine the estimates. Predictions and reliability The bioactivity data predicted by the model ...

Deep machine learning completes information about one million bioactive

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molecules

The Structural Bioinformatics and Network Biology laboratory ... the system developed by Dr. Aloy's team provides a measure of the degree of reliability of the prediction for each molecule. "All ...

New Tool Used To Predict the Biological Activity of Molecules

The Structural Bioinformatics and Network ... by Dr. Aloy's team provides a measure of the degree of reliability of the prediction for each molecule. "All models are wrong, but some are useful!

New methodology predicts biological activity of any molecule

The paper describes BIFROST, a novel predictive system based on deep probabilistic programming that enables the rapid conversion of sequence data into structural ... reliability of its own ...

Evaxion Develops Method to Enhance AI Drug Development with Deep Probabilistic Programming

You are most likely familiar with the debate around transitory versus structural inflation by ... completeness, or reliability. All information is current as of the date of this material and ...

Two-Way Markets Are Back

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Since the accuracy of AI prediction depends on how well its pre-training aligns with actual events, our measures should focus on developing its predictive and analytical reliability. This can be done ...

Explainer: Ethical Issues Proliferate Amid the Use of Artificial Intelligence in COVID-19 Healthcare

Any statements or information that express or involve discussions with respect to predictions ... the accuracy and reliability of estimates, projections, forecasts, studies and assessments ...

New Pacific Announces Receipt of Exploration Licenses and Environmental Permits for the Carangas Silver Project and Identifies Drill Targets

EET. Nokia expects to revise upwards its 2021 financial guidance. Espoo, Finland - Nokia is today providing an update t ...

The Globe and Mail

A tool developed by the Structural Bioinformatics and Network ... networks will also be revised to refine the estimates. Predictions and reliability The bioactivity data predicted by the model ...

Deep machine learning completes information about the bioactivity of one million molecules

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The paper describes BIFROST, a novel predictive system based on deep probabilistic programming that enables the rapid conversion of sequence data into structural information ... an assessment of the ...

Evaxion Develops Method to Enhance AI Drug Development with Deep Probabilistic Programming

Any statements or information that express or involve discussions with respect to predictions, expectations ... duration and economic viability of such operations; the accuracy and reliability of ...

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