

Tensor Categories Mathematical Surveys And Monographs



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For some mathematical applications, a more abstract approach is sometimes useful. This can be achieved by defining tensors in terms of elements of tensor products of vector spaces, which in turn are defined through a universal property. A type (p, q) tensor is defined in this context as an element of the tensor product of vector spaces, $\in \otimes \dots \otimes \square \otimes * \otimes \dots \otimes * \square$.

Tensor - Wikipedia

Mathematics is the study of topics such as quantity (numbers), structure, space, and change. It evolved through the use of abstraction and logical reasoning, from counting, calculation, measurement, and the systematic study of the shapes and motions of physical objects. Mathematicians explore such concepts, aiming to formulate new conjectures and establish their truth by rigorous deduction from ...

Portal:Contents/Mathematics and logic - Wikipedia

Not to be confused with bias in ethics and fairness or prediction bias.. bigram. An N-gram in which $N=2$.. binary classification. A type of classification task that outputs one of two mutually exclusive classes. For example, a machine learning model that evaluates email messages and outputs either "spam" or "not spam" is a binary classifier.

Machine Learning Glossary | Google Developers

The IEEE Conference on Visual Analytics Science and Technology (VAST 2018) is the leading international conference dedicated to advances in visual analytics. The scope of the conference, co-located at VIS with the annual IEEE Scientific Visualization Conference and the IEEE Information Visualization Conference, includes both fundamental research contributions within visual analytics as well as ...

IEEE VAST 2018 - Topics and Paper Types - IEEE VIS 2018

Benefits of downhole shut-in. Fig. 3 shows superimposed log-log plots for two buildup tests run on the same well. The surface shut-in test barely reaches radial flow after 200 hours. However, a large fraction of the wellbore volume is eliminated in the downhole shut-in test, and consequently radial flow is detected almost as early as the first minute after shut-in, and confirmed after 1 hour.

Pressure transient testing - petrowiki.org

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In many areas of industry, it is desirable to create geometric models of existing objects for which no such model is available. This paper reviews the process of reverse engineering of shapes.

Reverse engineering of geometric models—an introduction ...

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One of the most important parts of choosing a research programme is finding a supervisor who has relevant expertise in your area of interest. When you find a supervisor who, or a project that, aligns with your research interests, you should make contact with the relevant potential supervisor/lecturer/Professor or NUI Galway staff member to discuss matters further.

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