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Applied Soft Computing is an international journal promoting an integrated view of soft computing to solve real life problems. Soft computing is a collection of methodologies, which aim to exploit tolerance for imprecision, uncertainty and partial truth to achieve tractability, robustness and low solution cost.

Applied Soft Computing - Journal - Elsevier

Nonlinear optics (NLO) is the branch of optics that describes the behaviour of light in nonlinear media, that is, media in which the polarization density P responds non-linearly to the electric field E of the light. The non-linearity is typically observed only at very high light intensities (values of atomic electric fields, typically 10^8 V/m) such as those provided by lasers.

Nonlinear optics - Wikipedia

In machine learning, support-vector machines (SVMs, also support-vector networks) are supervised learning models with associated learning algorithms that analyze data used for classification and regression analysis. Given a set of training examples, each marked as belonging to one or the other of two categories, an SVM training algorithm builds a model that assigns new examples to one category ...

Support-vector machine - Wikipedia

Published as a conference paper at ICLR 2015 NEURAL MACHINE TRANSLATION BY JOINTLY LEARNING TO ALIGN AND TRANSLATE Dzmitry Bahdanau Jacobs University Bremen, Germany KyungHyun Cho Yoshua Bengio Universite de Montr  al

A arXiv:1409.0473v7 [cs.CL] 19 May 2016

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Research: My research interests are in computer graphics, computer vision, parallel computing and human computer interaction. I have conducted a wide range of research on shape modeling/editing, texture mapping/synthesis, real-time rendering, GPU parallel computing, real-time face tracking, and 3D printing.

Kun Zhou

Homepage of Hugues Hoppe, Computer Graphics Researcher. Academic background. Ph.D. in 1994 from the University of Washington Department of Computer Science and Engineering. Thesis: Surface reconstruction from unorganized points (Advisor: Tony DeRose). B.S. summa cum laude in 1989 from the University of Washington Electrical Engineering Department. ...

Hugues Hoppe - Homepage

Vol.7, No.3, May, 2004. Mathematical and Natural Sciences. Study on Bilinear Scheme and Application to Three-dimensional Convective Equation (Itaru Hataue and Yosuke Matsuda)

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An Underactuated Robotic Arm Based on Differential Gears for Capturing Moving Targets: Analysis and Design

An Underactuated Robotic Arm Based on Differential Gears

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R: The R Project for Statistical Computing

Object Recognition I: Context (oral) Object-Graphs for Context-Aware Category Discovery (PDF, project)Yong Jae Lee, Kristen Grauman Grouplet: a Structured Image Representation for Recognizing Human and Object Interactions ()Bangpeng Yao, Li Fei-Fei

CVPR 2010 papers on the web - Computer Vision Resource

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