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M Reddy, L Iverson, YG Leclerc - Proceedings of the fifth symposium on ..., 2000 - dl.acm.org

Abstract GeoVRML 1.0 provides geoscientists with a rich suite of enabling capabilities that cannot be found elsewhere. That is, the ability to model dynamic 3-D geographic data that can be distributed over the web and interactively visualized using a standard browser ...

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[PDF] Research Article Multiscale Terrain and Topographic Modelling with the Implicit TIN

DB Kidner, JM Ware, AJ Sparkes, CB Jones - Transactions in GIS, 2000 - users.cs.cf.ac.uk

Abstract The Multiscale Implicit Triangulated Irregular Network (TIN) provides a storage and access scheme for generating triangulated terrain models that adapt their content and level of detail to the requirements of the user. The scheme combines storage of data ...

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An information database for VRML cities

A Heinonen, S Pulkkinen... - ... 2000. Proceedings. IEEE ..., 2000 - ieeexplore.ieee.org

Abstract A system is presented to visualize information about city with a three-dimensional web user interface. We present a novel way to connect a VRML world to an in-formation database. As the data, code and models are kept separate, updates and maintenance of ...

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YG Leclerc, M Reddy, L Iverson, N Bletter - ... of the 5th International Conference on ..., 1999

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3D Virtual Warehouse on the WEB

M Buffa, EC Lafon - Information Visualization, 2000. ..., 2000 - ieeexplore.ieee.org

Abstract In the emerging field of E-Commerce we show the great potential interest to create 30 virtual shopping centers. The study of a specific application: the creation of an electric household applicants warehouse enables us to highlight the possibilities of the VRML2. 0 ...

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J Mortensen - 2000 - Master's thesis, Dept. Comp. Sci., ...

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An interactive land use VRML application (ILUVA) with servlet assist

LA Belfore II, S Chitithoti - Proceedings of the 32nd conference on Winter ..., 2000 - dl.acm.org

Abstract We summarize progress achieved on an interactive land use VRML application (ILUVA) with servlet assist. The purpose of this application is to enable one to take a virtual land area and add buildings, roadways, landscaping and other features. The application ...

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A Müller - 2000 - Universitätsbibliothek

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Integrating VRML, Java, and HTML in a web-based tool for computer literacy

W Patterson, J Hanks - Journal of Computing Sciences in Colleges, 2000 - dl.acm.org

Abstract Virtual reality visualization tools are gaining importance in many fields including medical training, elementary and secondary school education, and ecology, among others. Since humans live in a three-dimensional world, there is an increasing interest in ...

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Automatic generation of hair texture with line integral convolution

X Mao, M Kikukawa, K Kashio... - Information Visualization ..., 2000 - ieeexplore.ieee.org

Abstract Synthesis of hair image is one of the most important and challenging computer graphics problems. In this paper, we propose a new technique for automatically generating realistic human hair texiure on the 3 0 models of human character. The idea is inspired by ...

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JE Fowler, J van der Zwaag, S Tenginakai, R Machiraju... - 2000 - infoserv.erc.msstate.edu

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Database and modelling strategy: a compliant way for display optimisation

N Farenc, F Sidler, A Ferrando, D Thalmann - wise, 2000 - computer.org

ABSTRACT In order to display huge scenes with virtual human inhabitants evolving inside a virtual city, we propose a methodology to create and manage different Level of Detail for a well-segmented scene without "re-meshing" the scene during simulation. A database ...

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[CITATION] Nutzerunterstützung in elektronischen, kartographischen Medien. User Support in electronic, cartographic Media.

A Müller - ubt.opus.hbz-nrw.de

Zusammenfassung: Im Rahmen der Arbeit wird ein Entwicklungsmodell für elektronische, kartographische Medien vorgestellt, das eine aufgaben-und handlungsgerechte Gestaltung interaktiver Kartensysteme zum Ziel hat. Dies geschieht vor dem Hintergrund, dass ...

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J CAMPOS, A SANTANCHÉ, C TEIXEIRA - geoinfo.info

Resumo. Este artigo mostra como a união das tecnologias existentes para a representação de informações tridimensionais em realidade virtual e de documentos estruturados pode contribuir de maneira sinérgica para o desenvolvimento de sistemas de informações ...

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