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Dynamic Modeling of a Deethanizer Column in a Natural Gas Processing Plant Carolina Amaro<sup>1</sup>, Reiner Requião<sup>1</sup>, Marcelo Embiruçu<sup>1</sup> <sup>1</sup>Programa de Engenharia Industrial (PEI), Escola Politécnica, Universidade Federal da Bahia (UFBA), Rua Prof. Aristides Novis, nº 2, Federação, CEP: 40210-630, Salvador-BA, Brasil.

### **Dynamic Modeling of a Deethanizer Column in a Natural Gas**

Molecular modelling encompasses all methods, theoretical and computational, used to model or mimic the behaviour of molecules. The methods are used in the fields of computational chemistry, drug design, computational biology and materials science to study molecular systems ranging from small chemical systems to large biological molecules and material assemblies.

### **Molecular modelling - Wikipedia**

Freeform surface modelling is a technique for engineering freeform surfaces with a CAD or CAID system.. The technology has encompassed two main fields. Either creating aesthetic surfaces (class A surfaces) that also perform a function; for example, car bodies and consumer product outer forms, or technical surfaces for components such as gas turbine blades and other fluid dynamic engineering ...

### **Freeform surface modelling - Wikipedia**

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### **Online TDM Encyclopedia - Transport Model Improvements**

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### **Process performance and modelling of anaerobic digestion**

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### **A First Course in Hydraulics - JohnDFenton**

Wicked Problems Modelling Social Messes with Morphological Analysis Tom Ritchey From: Acta Morphologica Generalis, Vol. 2 No. 1.(2013) Download article in PDF format

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### **On the mixture model for multiphase flow - vtt.fi**

Department of Environmental Protection – Odour Methodology Guideline - 2 - 2. Background The DEP has consistently recorded odour as the cause of about one-third<sup>1</sup> of all public pollution complaints received.

### **Odour Methodology Guideline - CSCHI**

Downloads. Application description - Coriolis XSeries Interface (English - pdf - Application note) Application description - Gas Nomination (English - pdf - Application note)

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### **Fluid Dynamics Research - IOPscience**

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### **Gary S. Swindell, Petroleum Engineering**

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### **The future role of natural gas in the UK: A bridge to**

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