

A Transient Method For Characterizing Flow Regimes In A

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A Transient Method For Characterizing

A Transient Method For Characterizing The transient method was capable of reproducing the solids circulation dependence on riser solids holdup and on the axial pressure profile. This transient method offers an accurate, easy, rapid, and reproducible means of characterizing CFB operations over a wide range of flow conditions.

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(PDF) A transient method for characterizing flow regimes ...

A new method to overcome the problem of voltage changes during the monitoring of current transients to characterize traps in GaN HEMTs. • The time constants and energy levels of traps were acquired using this voltage-transient method. • An exponential dependence of the degradation rate on the channel current was identified in different samples.

A voltage-transient method for characterizing traps in GaN ...

A Transient Method For Characterizing The transient method was capable of reproducing the solids circulation dependence on riser solids holdup and on the axial pressure profile. This transient method offers an accurate, easy, rapid, and reproducible means of characterizing CFB operations over a wide range of flow conditions. The lack

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A method for characterizing the response of a PEMFC to transients in the CO concentration in the fuel is presented. The method uses the well-known First Order Plus Dead Time (FOPDT) model to ...

A Method for Characterizing CO Transients in a PEMFC ...

The transient effectiveness method provides an analyzing method for investigating and characterizing the transient performance of heat exchangers which are working in the cooling and heating systems with multiple coupled heat transfer loops, in which multiple heat exchanger units are used.

Transient Effectiveness Methods for the Dynamic ...

Abstract. A method is presented to characterize the anisotropic thermal properties of materials based on nanosecond transient thermorefectance (TTR). An analytical heat transfer model is derived for the TTR signal, showing that the signal is sensitive to out-of-plane and in-plane heat conductions at distinct time scales.

Nanosecond transient thermorefectance method for ...

DOI: 10.1520/F0978-02 Citation Format. ASTM F978-02, Standard Test Method for Characterizing Semiconductor Deep Levels by Transient Capacitance Techniques (Withdrawn 2003), ASTM International, West Conshohocken, PA, 2001, www.astm.org Back to Top

ASTM F978 - 02 Standard Test Method for Characterizing ...

To date, no one method has been identified as the best detection method for characterizing complex 3D hydrogeological structures. To reveal the complex seepage paths efficiently, we investigated a debris landslide in Xishan village, Sichuan Province, China, by using the transient electromagnetic method (TEM), which is a fast and portable method.

Characterizing the 3D hydrogeological structure of a ...

(1) Characterizing and separating the transient responses of different pipe anomalies, including leakage, blockage, unknown branch and pipe wall deformation; (2) Developing holistic transient-based method for the detection of multiple and different pipe anomalies in urban water supply systems (UWSSs);

Research | hfduan

A method is described to characterize shocks (transient time histories) in terms of the Fourier energy spectrum and the temporal moments of the shock passed through a contiguous set of bandpass filters.

Characterizing transient vibrations using band limited ...

Example tools used to characterize the LIGO data A typical method to visualize the LIGO data from a transient search perspective is by representing each detector's data by an unmodelled or 'burst' transient identification algorithm.

Characterizing transient noise in the LIGO detectors ...

Transient Hot Wire Method. The transient hot wire method (THW) is a very popular, accurate and precise technique to measure the thermal conductivity of gases, liquids, solids, nanofluids and refrigerants in a wide temperature and pressure range. The technique is based on recording the transient temperature rise of a thin vertical metal wire ...

Thermal conductivity measurement - Wikipedia

Vehicle simulation is an established and effective method to predict a vehicle's fuel economy (FE) and greenhouse gas (GHG) emissions ... Dekraker, P., Stuhldreher, M., and Kim, Y., "Characterizing Factors Influencing SI Engine Transient Fuel Consumption for Vehicle Simulation in ALPHA," SAE Int. J. Engines ... more transient US06 cycle ...

SAE 2017-01-0533 Characterizing Factors Influencing SI ...

One of the common methods for characterizing the dynamic reservoir parameters is well testing, in which the pressure transient data are recorded and analyzed using the plot of transient pressure and its derivative versus time on Log-Log scale.

Well test, rate transient analysis and reservoir ...

A kind of method of testing of the transient state common mode inhibition parameter to numeral isolation class device. Technical field. The present invention is the method for testing of the transient state common mode inhibition parameter on numeral isolation class device. It is primarily directed to number The use demand of the Practical Projects such as word isolation class device high speed ...

CN106896281A - A kind of method of testing of the ...

A nonlinear, transient finite element method for coupled sol-vent diffusion and large deformation of hydrogels Nikolaos Bouklas, Chad M. Landis, Rui Huangn Department of Aerospace Engineering and Engineering Mechanics, University of Texas, Austin, TX 78712, USA

A nonlinear, transient finite element method for coupled ...

In another aspect, the invention includes a method for characterizing a radio transmitter that transmits a transient signal. The method comprises the steps of (a) receiving the transient signal transmitted by the transmitter for a period of time, (b) measuring a parameter of the transient signal, and (c) analyzing the transient signal parameter to determine transient characteristics of the radio transmitter.

Method and apparatus for characterizing a radio ...

Characterizing Tissue Fate After Transient Cerebral Ischemia of Varying Duration Using Quantitative

Acces PDF A Transient Method For Characterizing Flow Regimes In A

Diffusion and Perfusion Imaging. Juergen ... This method set a fixed value above which the pixels within the T2 map were considered ischemic in groups 1 and 2. The T2 threshold was 77.9 ± 3.6 ms, a $30 \pm 4\%$ increase as compared with the mean of the ...

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