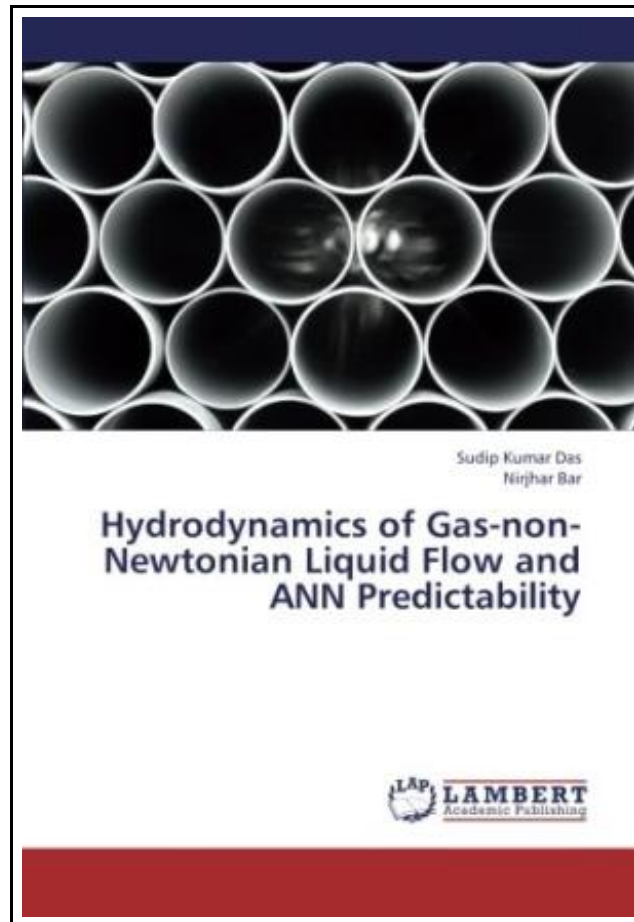


# Hydrodynamics of Gas-non-Newtonian Liquid Flow and ANN Predictability



Filesize: 8.62 MB

## ***Reviews***

*These types of book is the greatest ebook readily available. I was able to comprehend every little thing using this published e pdf. I realized this pdf from my dad and i encouraged this publication to discover.*

***(Dr. Porter Mitchell)***

## HYDRODYNAMICS OF GAS-NON-NEWTONIAN LIQUID FLOW AND ANN PREDICTABILITY



To download **Hydrodynamics of Gas-non-Newtonian Liquid Flow and ANN Predictability** eBook, remember to follow the web link below and download the file or gain access to other information which are have conjunction with HYDRODYNAMICS OF GAS-NON-NEWTONIAN LIQUID FLOW AND ANN PREDICTABILITY ebook.

LAP Lambert Academic Publishing Jun 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x4 mm. Neuware - Experimental studies on gas-non-Newtonian liquid flow through a horizontal pipeline and the application of artificial neural network (ANN) are a field of study which had been researched extensively in the past few years. This book represents the empirical correlations in terms of various physical and dynamic variables of the system developed by the authors to predict two-phase frictional pressure drop and gas holdup. The Multilayer Perceptrons (MLP) trained with three different algorithms, namely: Backpropagation (BP), Scaled Conjugate gradient (SCG) and Levenberg-Marquardt (LM) had been used for the present analysis. Four different transfer functions are also used in a single hidden layer and a linear transfer function for output layer for all algorithms. The book is an attempt to shade light towards the predictability of two-phase frictional pressure drop and gas holdup using both empirical correlation and ANN. This book will be useful for the undergraduate, postgraduate and research students of various Engineering disciplines, design and process engineers in process industries. 72 pp. Englisch.



**Read Hydrodynamics of Gas-non-Newtonian Liquid Flow and ANN Predictability Online**



**Download PDF Hydrodynamics of Gas-non-Newtonian Liquid Flow and ANN Predictability**

## See Also



### [PDF] Programming in D

Follow the web link beneath to download "Programming in D" document.

[Download eBook »](#)



### [PDF] Psychologisches Testverfahren

Follow the web link beneath to download "Psychologisches Testverfahren" document.

[Download eBook »](#)



### [PDF] Aeschylus

Follow the web link beneath to download "Aeschylus" document.

[Download eBook »](#)



### [PDF] When Santa Claus Prayed

Follow the web link beneath to download "When Santa Claus Prayed" document.

[Download eBook »](#)



### [PDF] The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)

Follow the web link beneath to download "The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)" document.

[Download eBook »](#)



### [PDF] The Voyagers Series - Africa: Book 2 (Paperback)

Follow the web link beneath to download "The Voyagers Series - Africa: Book 2 (Paperback)" document.

[Download eBook »](#)