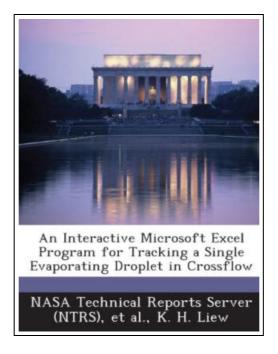
An Interactive Microsoft Excel Program for Tracking a Single Evaporating Droplet in Crossflow



Filesize: 2.37 MB

Reviews

It in a of the most popular book. It really is filled with wisdom and knowledge You may like how the article writer publish this pdf. (Kellie Huels)

AN INTERACTIVE MICROSOFT EXCEL PROGRAM FOR TRACKING A SINGLE EVAPORATING DROPLET IN CROSSFLOW



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book ****** Print on Demand ******. Droplet interaction with a high temperature gaseous crossflow is important because of its wide application in systems involving two phase mixing such as in combustion requiring quick mixing of fuel and air with the reduction of pollutants and for jet mixing in the dilution zone of combustors. Therefore, the focus of this work is to investigate dispersion of a two-dimensional atomized and evaporating spray jet into a two-dimensional crossflow. An interactive Microsoft Excel program for tracking a single droplet in crossflow that has previously been developed will be modified to include droplet evaporation computation. In addition to the high velocity airflow, the injected droplets are also subjected to combustor temperature and pressure that affect their motion in the flow field. Six ordinary differential equations are then solved by 4th-order Runge-Kutta method using Microsoft Excel software. Microsoft Visual Basic programming and Microsoft Excel macrocode are used to produce the data and plot graphs describing the droplet's motion in the flow field. This program computes and plots the data sequentially without forcing the user to open other types of plotting programs. A user's manual on how to use the program is included.



Read An Interactive Microsoft Excel Program for Tracking a Single Evaporating Droplet in Crossflow Online Download PDF An Interactive Microsoft Excel Program for Tracking a Single Evaporating Droplet in Crossflow

Relevant Kindle Books



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Children's Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

Read eBook »



Games with Books: 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

Read eBook »



Games with Books: Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

Read eBook »



Edgar Gets Ready for Bed: A BabyLit First Steps Picture Book

Gibbs M. Smith Inc, United States, 2014. Board book. Book Condition: New. New.. 254 x 241 mm. Language: English . Brand New Book. Meet the plucky toddler Edgar the Raven! He s mischievous, disobedient, and...

Read eBook »



YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2011-03-01 Pages: 752 Publisher: Jilin University Shop Books All the new...

Read eBook x



Weebies Family Early Reading English Book: Full Colour Illustrations and Short Children's Stories

Createspace, United States, 2014. Paperback. Book Condition: New. 229×152 mm. Language: English . Brand New Book ***** Print on Demand *****. Children's Weebies Family Early Reading English Language Book 1 starts to teach

Save PDF »



Abraham Lincoln for Kids: His Life and Times with 21 Activities

Chicago Review Press. Hardback. Book Condition: new. BRAND NEW, Abraham Lincoln for Kids: His Life and Times with 21 Activities, Janis Herbert, 2008 National Parenting Publications Awards (NAPPA) Honors Award winner. Providing a fresh perspective

Save PDF »



Demons The Answer Book (New Trade Size)

Whitaker House. PAPERBACK. Book Condition: New. 0883689553 Feed My Sheep Books: A Family Ministry, Competing For YHWH Online Since 2001. Support the Assembly Before Buying Big Box-store Books. We Shrink Wrap & Carefully Package Your

Savo BDE »



Jesus Loves the Little Children/Jesus Loves Me: Sing-A-Story Book with CD

SHILOH KIDZ, 2016. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.

Save PDF »



10 Most Interesting Stories for Children: New Collection of Moral Stories with Pictures

 $Paperback.\ Book\ Condition:\ New.\ This\ item\ is\ printed\ on\ demand.\ Item\ doesn't\ include\ CD/DVD.$

Save PDF »