

Study of Fluid Flow and Heat over a Shielded Fins Array

Filesize: 5.97 MB

Reviews

This book is indeed gripping and interesting. It really is rally exciting through studying period. Its been written in an extremely easy way and is particularly merely soon after i finished reading this book through which in fact changed me, affect the way i think. (Aisha Lemke)

STUDY OF FLUID FLOW AND HEAT OVER A SHIELDED FINS ARRAY



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Experimental and Numerical Study | In electronic cooling, the generated heat may be rejected via air, water, or phase change materials. The inherent advantages of air cooling systems such as simplicity, reliability, and low cost have led to the widespread use of heat sinks in the thermal management of high power microprocessors. Among the different designs of the commonly used heat sinks are the finned- plate heat sinks. The choice of an optimum finned- plate heat sink depends on various geometrical parameters such as fin height, fin length, fin thickness, number of fins, base plate thickness, space between fins, fin shape or profile and fin material. This work aims to assess the performance of a finned- plate heat sink subjected to cross ow forced convection in presence of as well as in absence a shield, both numerically and experimentally. In the numerical treatment, CFD FLUENT was used to solve conservation equations of mass, momentum, and energy of the flow over the heat sink. In the experimental part, plate heat sinks were CNC manufactured from aluminum alloy 2017 and then tested. A test rig was composed basically from a suction-type wind tunnel. Temperature and pressure drop were measured experimental | Format: Paperback | Language/Sprache: english | 240 pp.

Read Study of Fluid Flow and Heat over a Shielded Fins Array Online
Download PDF Study of Fluid Flow and Heat over a Shielded Fins Array

You May Also Like

	_	
	_	

The Battle of Eastleigh, England U.S.N.A.F., 1918

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 36 pages. Dimensions: 9.6in. x 7.3in. x 0.2in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned... Save eBook »

Fifty Years Hence, or What May Be in 1943

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. Fifty Years Hence is a quasi-fictional work by Robert Grimshaw, a professional... Save eBook >

$\mathbf{\nabla}$
-

Cloverleaf Kids: Kids and adults alike will enjoy these hilarious stories and antics of me,my siblings and our friends growing up in a small town in . over & over and always got a good laugh. CreateSpace Independent Publishing Platform. PAPERBACK. Book Condition: New. 1482737256 Special order direct from the distributor.

Save eBook »

=

Variations Symphoniques, Fwv 46: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 297 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****. Desribed as one of Franck s tightest and most finished works,... Save eBook »

=	

Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior

Quercus Publishing Plc, 2011. Hardcover. Book Condition: New. No.1 BESTSELLERS - great prices, friendly customer service â" all orders are dispatched next working day.

Save eBook »

PDF	Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications. Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually Save Book »
PDF	My Life as a Third Grade Zombie: Plus Free Online Access (Hardback) Gallopade International, United States, 2013. Hardback. Book Condition: New. 224 x 142 mm. Language: English . Brand New Book. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Save Book »
PDF	Scherzo Capriccioso, Op.66 / B.131: Study Score Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.The Scherzo capriccioso was composed in the same period (1883-84) as Save Book »
PDF	In Nature s Realm, Op.91 / B.168: Study Score Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Composed in 1891, V P irod (In Nature s Realm) is Save Book »
PDF	Stories from East High: Bonjour, Wildcats v. 12 Parragon Book Service Ltd, 2009. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving

Save Book »