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item <description> tags)Kern, D. Q. 1950 Process Heat Transfer - Internet ArchiveAs shown by Kern and Kraus [2] in their excellent treatment of non-uniform heat transfer coefficient, a monotonically increasing value of h may lead to a marked decrease in fin efficiency. This of course is explained by the fact that smallest values of h are now associated with the largest fin to fluid temperature differences and vice-versa.Theoretical solution for the temperature in a straight fin ...Based on Kern and Kraus' out-of-print classic, *Extended Heat Transfer*, this book covers all facets of today's extended surface technology.*Extended Surface Heat Transfer - Heat Treating Society*Allan D. Kraus, PhD, is Professor of Mechanical Engineering at the University of Akron, Ohio, and is principal associate at Allan D. Kraus Associates. He is the author of many works on thermal systems.*Extended Surface Heat Transfer: Allan D. Kraus, Abdul Aziz ...*Extended surface heat transfer. [Donald Quentin Kern; Allan D Kraus] Home. WorldCat Home About WorldCat Help. Search. Search for Library Items Search for Lists Search for Contacts Search for a Library. Create lists, bibliographies and reviews: or Search WorldCat. Find items in libraries near you ...*Extended surface heat transfer (eBook, 1972) [WorldCat.org]*Kern DQ and Kraus AD *Extended Surface Heat Transfer 1972 McGraw Hill New York* from ENG 316K at University of TexasKern DQ and Kraus AD *Extended Surface Heat Transfer 1972 ...*Kern, D.Q. and Kraus, A.D. (1972) *Extended Surface Heat Transfer, McGrawHill, New York.**Extended Surface Heat Transfer in Heat Exchangers and ...*Efficiency of Extended Surfaces with Simultaneous Heat and Mass Transfer A.H. Elmahdy R.C. Biggs ASHRA E Member ABSTRACT An algorithm is presented to determine the efficiency of extended surfaces (circular or longitudinal fins with a uniform thickness) when simultaneous heat and mass transfer occur.Efficiency of extended surfaces with simultaneous heat and ...*Extended Surface Heat Transfer* by Donald Q. Kern; Allan D. Kraus and a great selection of related books, art and collectibles available now at AbeBooks.com.Kern D Q - AbeBooksConvection from a thin conducting fin. In a surface extension such as a fin, there exists an internal distribution of energy transfer by conduction which is dependent on convective dissipation around the fin boundary. The function of the fin is to enhance heat transfer beyond that possible with a plain surface,... Donald Quentin Kern, Allan D. Kraus. McGraw-Hill ... *Extended Surface Heat Transfer* Allan D. Kraus, Abdul Aziz ... input

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Allan D. Kraus, PhD, is Professor of Mechanical Engineering at the University of Akron, Ohio, and is principal associate at Allan D. Kraus Associates. He is the author of many works on thermal systems.

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