

Useful Quasicrystals / Jean-marie Dubois / 504 pages / 9789814496988 / World Scientific, 2005 / 2005

Although there is an interesting book available, Useful Quasicrystals (Dubois, 2005), quasicrystals have hitherto found only niche applications . Examples are special steels, hardened by quasicrystalline precipitates, or coatings for frying pans. Fascinating quasicrystals. The stress intensity factors of the phonon and phason fields and the energy release rate are determined. Numerical results reveal the effects of geometric size, the distance of USEFUL QUASICRYSTALS Copyright © 2005 by World Scientific Publishing Co. Pte. Ltd. All rights reserved. This book, or parts thereof, may not be reproduced in any form or by any means, electronic or mechanical, including photocopying, recording or any information storage and retrieval system now known or to be invented, without written permission from the Publisher. For photocopying of material in this volume, please pay copying fee through the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, USA. Quasicrystals are stable phases of condensed matter that exhibit crystalline features such as symmetry and repeating patterns of unit cells; From: Laser Additive Manufacturing, 2017. Related terms