IUCr MONOGRAPHS ON CRYSTALLOGRAPHY · 14

Polymorphism in Molecular Crystals

JOEL BERNSTEIN



Gilead 2005 I-MAK v. Gilead IPR2018-00390

INTERNATIONAL UNION OF CRYSTALLOGRAPHY OXFORD SCIENCE PUBLICATIONS

DOCKET

RM

Δ

Find authenticated court documents without watermarks at docketalarm.com.

IUCr BOOK SERIES COMMITTEE

E. N. Baker, New Zealand J. Bernstein, Israel G. R. Desiraju, India A. M. Glazer, UK J. R. Helliwell, UK P. Paufler, Germany H. Schenk, (Chairman), The Netherlands

IUCr Monographs on Crystallography

1	Accurate molecular structures
	A. Domenicano, I. Hargittai, editors
2	P. P. Ewald and his dynamical theory of X-ray diffraction
	D. W. J. Cruickshank, H. J. Juretschke, N. Kato, editors
3	Electron diffraction techniques, Vol. 1
	J. M. Cowley, editor
4	Electron diffraction techniques, Vol. 2
	J. M. Cowley, editor
5	The Rietveld method
	R. A. Young, editor
6	Introduction to crystallographic statistics
	U. Shmueli, G. H. Weiss
7	Crystallographic instrumentation
	L. A. Aslanov, G. V. Fetisov, G. A. K. Howard
8	Direct phasing in crystallography
	C. Giacovazzo
9	The weak hydrogen bond
	G. R. Desiraju, T. Steiner
10	Defect and microstructure analysis by diffraction
	R. L. Snyder, J. Fiala and H. J. Bunge
11	Dynamical theory of X-ray diffraction
	A. Authier
12	The chemical bond in inorganic chemistry
	I. D. Brown
13	Structure determination from power diffraction data
	W. I. F. David, K. Shankland, L. B. McCusker, and Ch. Baerlocher, editors
14	Polymorphism in molecular crystals
	J. Bernstein
15	Crystallography of modular materials
	G. Ferraris, E. Makovicky, S. Merlino
16	Diffuse x-ray scattering and models of disorder
	T. R. Welberry
17	Crystallography of the polymethylene chain: an inquiry into the structure of waxes
	D. L. Dorset
18	Crystalline molecular complexes and compounds: structure and principles
	F. H. Herbstein
19	Molecular aggregation: structure analysis and molecular simulation of crystals and liquids
	A. Gavezzotti
20	Aperiodic crystals: from modulated phases to quasicrystals
	T. Janssen, G. Chapuis, M. de Boissieu
21	Incommensurate crystallography
	S. van Smaalen

S. van Smaalen

IUCr Texts on Crystallography

1 The solid state

DOCKE

Δ

R

Δ

- A. Guinier, R. Julien
- 4 *X-Ray charges densities and chemical bonding* P. Coppens
- 5 *The basics of crystallography and diffraction, second edition* C. Hammond
- 6 *Crystal structure analysis: principles and practice* W. Clegg, editor
- 7 Fundamentals of crystallography, second edition C. Giacovazzo, editor
- 8 *Crystal structure refinement: a crystallographer's guide to SHELXL* P. Müller, editor
- 9 *Theories and techniques of crystal structure determination* U. Shmueli
- 10 Advanced structural inorganic chemistry Wai Kao Li Cong Du Zhou. Thomas Mak

Find authenticated court documents without watermarks at <u>docketalarm.com</u>.

Polymorphism in Molecular Crystals

JOEL BERNSTEIN

Department of Chemistry Ben-Gurion University of the Negev

CLARENDON PRESS • **OXFORD** 2002

Δ

OXFORD

UNIVERSITY PRESS

Great Clarendon Street, Oxford OX2 6DP

Oxford University Press is a department of the University of Oxford. It furthers the University's objective of excellence in research, scholarship, and education by publishing worldwide in

Oxford New York

Auckland Cape Town Dar es Salaam Hong Kong Karachi Kuala Lumpur Madrid Melbourne Mexico City Nairobi New Delhi Shanghai Taipei Toronto

With offices in

Argentina Austria Brazil Chile Czech Republic France Greece Guatemala Hungary Italy Japan Poland Portugal Singapore South Korea Switzerland Thailand Turkey Ukraine Vietnam

Oxford is a registered trade mark of Oxford University Press in the UK and in certain other countries

> Published in the United States by Oxford University Press Inc., New York

> > © Oxford University Press, 2002

The moral rights of the author have been asserted Database right Oxford University Press (maker)

> First published 2002 First published in paperback 2008

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, without the prior permission in writing of Oxford University Press, or as expressly permitted by law, or under terms agreed with the appropriate reprographics rights organization. Enquiries concerning reproduction outside the scope of the above should be sent to the Rights Department, Oxford University Press, at the address above

You must not circulate this book in any other binding or cover and you must impose this same condition on any acquirer

> British Library Cataloguing in Publication Data Data available

Library of Congress Cataloging in Publication Data

Bernstein, Joel. Polymorphism in molecular crystals / Joel Bernstein. (IUCr monographs on crystallography; 14) Includes index.

1. Polymorphism (Crystallography) 2. Molecular crystals. I. Title. II. International Union of Crystallography monographs on crystallography; 14.

QD951.B57 2002 548'.3-dc21 2001047556

Typeset by Newgen Imaging Systems (P) Ltd., Chennai, India Printed in Great Britain on acid-free paper by Biddles Ltd., King's Lynn, Norfolk

> ISBN 978-0-19-850605-8 (Hbk.) ISBN 978-0-19-923656-5 (Pbk.)

> > 10 9 8 7 6 5 4 3 2 1

DOCKE.

DOCKET A L A R M



Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.