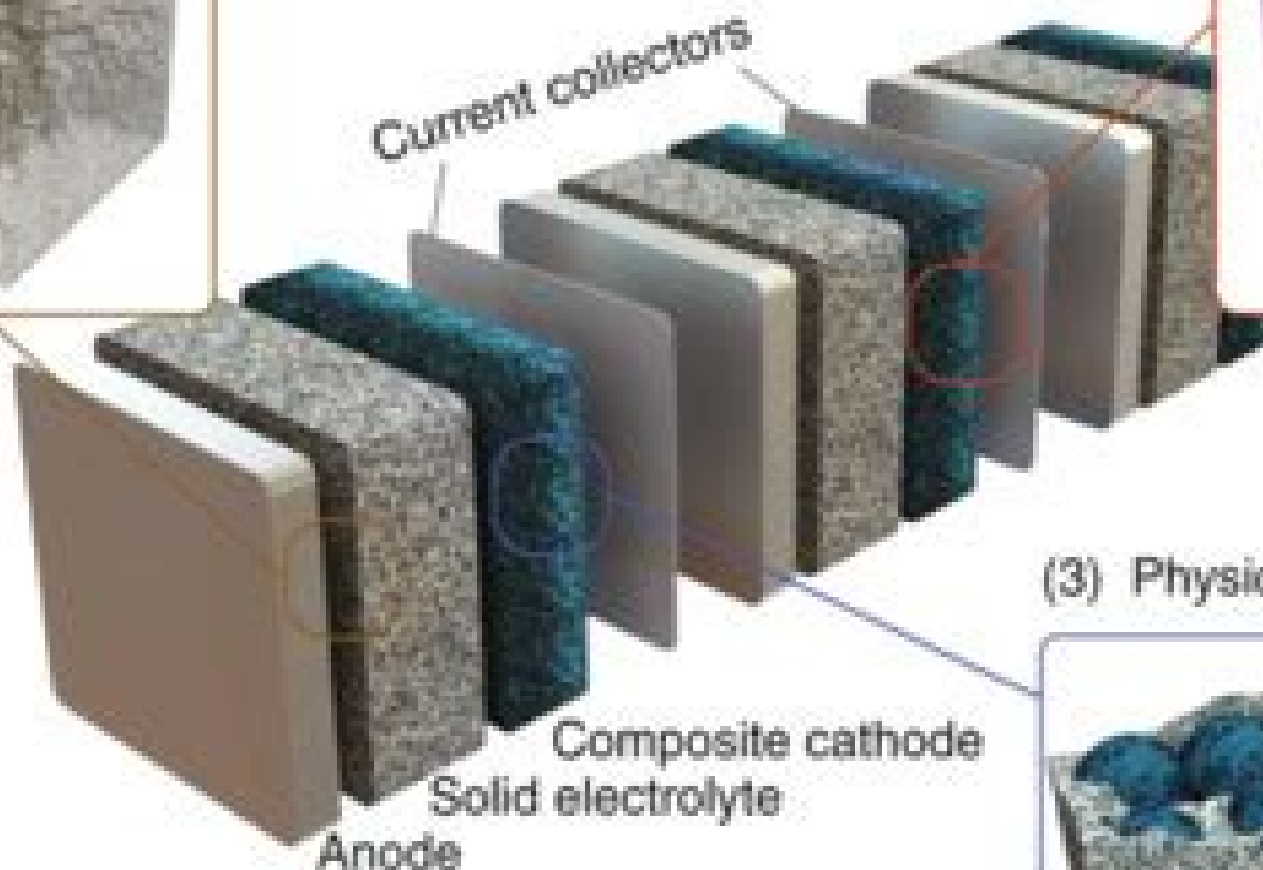
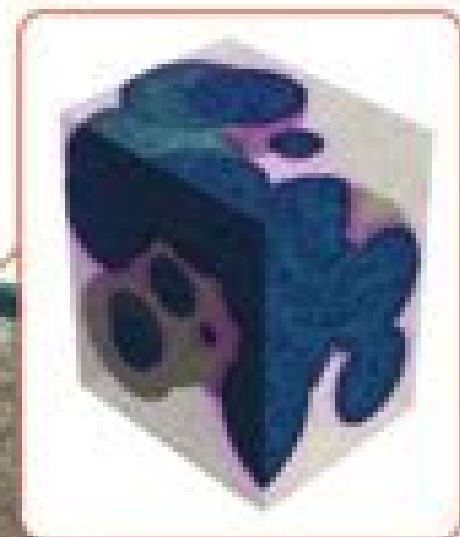


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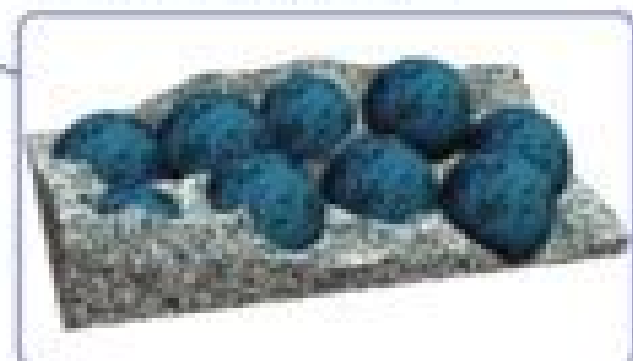
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Solid State Physics Mohammad Abdul Wahab, 2008

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Structure and Properties of Solid State Materials B. Viswanathan, 2006 This book Structure and Properties of Solid State Materials covers mainly the designing aspects of materials based on the requisite properties and applications This book also includes some aspects of modern materials especially that of carbon nano materials materials for energy storage applications and catalytic materials which are of relevance to industrial practice The text is suitable for undergraduate courses The style has been kept as simple as possible so that the text can be assimilated without any formal teaching This book may also appeal to the modern day scientists making new materials for the devices on hand

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New Directions in Solid State Chemistry C. N. R. Rao, J. Gopalakrishnan, 1997-02-28 In the new edition of this widely praised textbook all the chapters have been revised and the

authors have brought the work completely up to date by the addition of new material on numerous topics In recent years solid state chemistry has emerged as a very important element of mainstream chemistry and materials science Students teachers and researchers need to understand the chemistry of solids because of the crucial role this plays in determining the properties of materials An understanding of solid state chemistry is also essential in materials design and many fascinating relationships between the structure and properties of solids have been discovered by chemists This text requires only an understanding of basic physics chemistry and crystallography and is enhanced with the most recent examples case studies and references It will be of value to advanced students and researchers studying solid state chemistry and materials science as a text and reference work

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Solid-State Physics Harald Ibach, Hans Lüth, 2013-04-18 Our German textbook *Festkörperphysik* has become rather popular among German speaking students and is currently produced in its 4th edition Its version in English has already been adopted by many universities in the United States and other countries This new 2nd edition corresponds to the 4th edition in German In addition to correcting some typographical errors and making small improvements in the presentation in the present edition some chapters have been revised or extended Panel V for example has been extended to include a description of angle

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Preparation and Properties of Solid State Materials S. B. Austerman, William R. Wilcox, 1971

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drug delivery material science crystal engineering pharmaceuticals and biopharmaceuticals **Physical Chemistry of Solid State Materials** M. Zahir, 1994-09-29 Proceedings of the 6th International Seminar on the Physical Chemistry of Solid State Materials REMCES VI held in El Jadida Morocco October 1993 **Solid State Electrochemistry** Peter G. Bruce, 1997-06-12 This book describes for the first time in a modern text the fundamental principles on which solid state electrochemistry is based In this sense it is in contrast to other books in the field which concentrate on a description of materials Topics include solid ceramic electrolytes glasses polymer electrolytes intercalation electrodes interfaces and applications The different nature of ionic conductivity in ceramic glassy and polymer electrolytes is described as are the thermodynamics and kinetics of intercalation reactions The interface between solid electrolytes and electrodes is discussed and contrasted with the more conventional liquid state electrochemistry The text provides an essential foundation of understanding for postgraduates or others entering the field for the first time and will also be of value in advanced undergraduate courses **Applied Solid State Physics** M. R. Srinivasan, 2015 **Materials Science & Engineering**, 1995

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