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The Selected Papers of Sir John Meurig Thomas John Meurig Thomas,2017-07-07 John Meurig Thomas is a former Director of the Royal Institution of Great Britain a former head of the Department of Physical Chemistry and former Master of Peterhouse University of Cambridge A world renowned solid state materials and surface chemist he has been an educator researcher academic administrator author of university texts government advisor industrial consultant and trustee of national museums in a career spanning over 50 years Recipient of many international awards including the Linus Pauling Willard Gibbs Kapitza Natta Stokes Davy and Faraday medals he is also a fellow of the Royal Society 1977 of the American Philosophical Society 1993 and of ten other national academies He is best known for his fundamental work in heterogeneous catalysis chemical electron microscopy and in the popularisation of science for which in conjunction with his services to chemistry he was knighted 1991 He is also founding editor of three scientific journals and editor or co editor of some 30 monographs A new mineral meurigite was named in his honour 1995 Most recently in 2016 Sir John was awarded the Royal Medal for Physical Sciences by the Royal Society Drawn from over 1200 publications this volume contains a summarised account of Sir John s work with a selection of the new techniques pioneered and discovered by him and his colleagues Also included are popular science articles and various illustrations of techniques which have enhanced our knowledge of many facets of condensed matter science Contributions from 80 peers colleagues former co workers students and friends worldwide who have interacted with or been influenced by him are a tribute to the professional and personal life of Sir John making this book a unique reflective summary of the work of one of the greatest achievers in modern British physical science

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