Recent Papers by IBM Authors

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This book gives an extensive account of experimental and theoretical aspects of the growth of crystals, mainly from molten salt and metallic solutions. A central purpose is to demonstrate the potential of high temperature solution growth for classes of materials which are difficult to grow by other techniques. Using this method, crystals several centimeters in size and several hundred grams in weight, inclusion-free and of very high purity, have been grown. A tabulation of HTS-grown crystals is given in the Appendix. Other chapters cover crystal characterization and liquid phase epitaxy.