



## HPHT-Treated Diamonds: Diamonds Forever (Springer Series in Materials Science)

By Inga A. Dobrinets, Victor. G. Vins, Alexander M. Zaitsev

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This book examines the physics of transformation of internal structures of diamonds subjected to high-temperature and high-pressure treatment and discusses how these transformations can be detected using methods of optical microscopy and spectroscopy.

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## **Editorial Review**

From the Back Cover

High-temperature and high-pressure treatment of diamond is becoming an important technology to elaborate diamonds. This is the first book providing a comprehensive review of the properties of HPHT-treated diamonds, based on the analysis of published data and the work of the authors. The book gives a detailed analysis of the physics of transformation of internal structures of diamonds subjected to HPHT treatment and discusses how these transformations can be detected using methods of optical microscopy and spectroscopy. It also gives practical recommendations for the recognition of HPHT-treated diamonds. The book is written in a language and terms which can be understood by a broad audience of physicists, mineralogists and gemologists.

## **Users Review**

**From reader reviews:**

**Gracie Davis:**

As people who live in the actual modest era should be upgrade about what going on or data even knowledge to make them keep up with the era which can be always change and move ahead. Some of you maybe will update themselves by studying books. It is a good choice for you personally but the problems coming to anyone is you don't know which one you should start with. This HPHT-Treated Diamonds: Diamonds Forever (Springer Series in Materials Science) is our recommendation so you keep up with the world. Why, since this book serves what you want and want in this era.

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**John Dame:**

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