'The Diamond Formula' offers the diamond industry and all interested parties a comprehensive text on synthetic diamonds, joining together the research, achievements, theories, experimental and analytical data by recognized experts in the field, while encompassing a gemmological interpretation. The book offers the average gemmologist, gemmological (or mineralogical) student, or interested party, a concise and easy to decipher overview of the synthesis of diamonds to date. Each of the elements and various topics have at some time been the subject of a lengthy and detailed text in their own right and references are used to ensure that the reader can follow up these leads. The text begins with the history of diamond synthesis, and the theories on which much of the early work was based, before discussing the principles on which the modern processes rely. The following chapters cover the advent of success, commercial applications, synthetic diamond products, producers, gemmological properties and identification of synthetic diamonds. The final section discusses briefly diamond synthesis by CVD and application for this technology.Comprehensive text for a wide marketEasy to decipher overview of the synthesis of diamondsDetailed reference section for follow up work

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