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## Bainite in Steels – Transformation, Microstructure and Properties (Second Edition)

**H. K. D. H. Bhadeshia**

*Institute of Materials Communications Ltd*

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This book is an excellent modern treatise on bainite and as such it is unrivalled. It contains 15 chapters which include: Early Research, Tempering of Bainite, Thermodynamics, Kinetics, Upper and Lower Bainite, Other Morphologies of Bainite and Modern Bainitic Steels. This book will quickly become the standard work on the subject. For anyone who is concerned with bainite and bainitic steels, this book is invaluable. The book is suitable for students, lecturers and people in industry. Importantly, the author has managed to write the book in a captivating way and for any metallurgist it is a "must" to read.

In the first chapter the author does not discuss Bain's autobiography: *Pioneering in Steel Research -A Personal Record* by E. C. Bain, 1975, pp.277, ASM published posthumously. The book by Bain serves two functions: 1) it gives a detailed account of the famous experiments of Davenport and Bain and how they were received by metallurgists, and 2) it provides readers with an excellent introduction to Bain's questioning method of research. This book even includes the first T-T-T diagram sketched by Bain's wife.

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Bradley Dodd 24th April 2001

