BOOK REVIEW

Title : Pulse Current Gas Metal Arc Welding : Characteristics, Control and Applications ISBN: 978-981-10-3557-9

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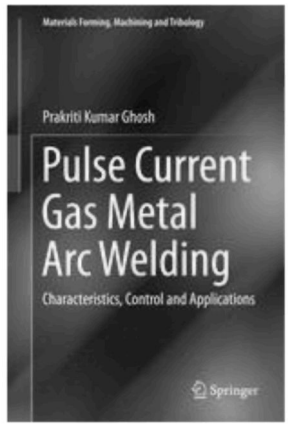

This book is a part of the Materials Forming, Machining and Tribology book series. It has a total of 322 pages, and is primarily written for Masters and Ph.D. level students and for industries.

Gas Metal Arc Welding Process is widely employed in industry at present. However, for some distinct reasons, Pulse Current Gas Metal Arc Welding Process is gaining focus nowadays. In this monograph, therefore, the author discusses the basic concept of this process, special aspects of this process and applicability of this process in different areas. There are nine chapters as given below:

1. Introduction to Gas Metal Arc Welding Process
2. Concept of Pulse Current Gas Metal Arc Welding Process
3. Basic Nature of Pulse Current GMA Welding
4. Thermal Behaviour of Pulse Current Gas Metal Arc Weld
5. Geometry of Pulse Current GMA Weld
6. Characteristics of P-GMA Weld Joint
7. Properties of Pulse Current GMA Weld
8. Prospective Use of Pulse Current GMAW Process
9. Advanced Power Source and Process Control

The book is well written and hope, the community of welding professionals and researchers would find this book interesting and beneficial.

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