



A GA approach to the Optimization of Laser Beam Welding process

By G. Harinath Gowd

LAP Lambert Academic Publishing Jan 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - Automation of a manufacturing process has become the order of the day in industries in order to achieve high production rates and high quality of finished components. However, in order to automate a process it is essential to find the best values of process variables. In turn, this requires the establishment of precise quantitative relationships between the process control variables and the chosen output responses. The scope of the proposed work is intended to develop such relationships for the chosen responses in terms of input variables and utilizes those developed relations to find the optimal set of process variables in Laser welding and Laser machining. Once the optimal values are found, then the process could be automated based on them there by reducing the manpower thus reduces the welding cost. 76 pp. Englisch.



READ ONLINE
[6.97 MB]

Reviews

If you need to adding benefit, a must buy book. It really is writer in straightforward words and phrases rather than difficult to understand. Your life period is going to be change the instant you total reading this ebook.

-- **Letha Okuneva**

This is an amazing ebook that we have possibly go through. It really is filled with wisdom and knowledge Its been developed in an extremely straightforward way and is particularly merely after i finished reading this ebook where in fact altered me, affect the way in my opinion.

-- **Berta Schmidt**