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Original Articles

Optimization of Plasma Arc Welding Parameters by Using the Taguchi Method with the Grey Relational Analysis

Y. F. Hsiao, Y. S. Tarng S & W. J. Huang Pages 51-58 | Received 18 Aug 2006, Accepted 20 Dec 2006, Published online: 14 Dec 2007

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Keywords

Analysis of variance (ANOVA)		Dyeing machinery	Grey relationa	Grey relational analysis Keyhole	
Multiple per	formance Optim	ization Orthogonal	array Penetr	ation Pla	sma arc welding (PAW)
S/N ratio	Taguchi method	Torch stand-off	dercut Weld	ing current	

Notes

Total mean value of the grey relational grade = 0.5517.

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