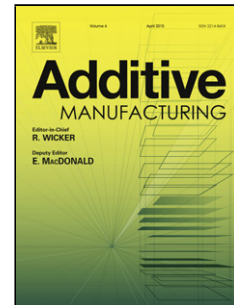


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Verification and Validation of a Rapid Heat Transfer Calculation Methodology for Transient Melt Pool Solidification Conditions in Powder Bed Metal Additive Manufacturing

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