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Research on Quality Inspection Method for Bridge Steel Structural Components Based on 3D Laser Scanning (Postprint)

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Abstract

As a new data acquisition method, 3D laser scanners can rapidly, accurately, and efficiently acquire 3D laser point cloud data of targets, which breaks through traditional measurement and data processing methods. This paper reviews the application methods of 3D laser scanning technology in the quality inspection of complex components of bridge steel structures.

Full Text

Preamble

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Note: Figure translations are in progress. See original paper for figures.

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