

## **Improvement on fringe projection profilometry.**

Noé Alcalá Ochoa ; César Augusto García-Isáis

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### **Abstract.**

Improvements described consist of modifications of a composite fringe pattern in both frequency and direction of carrier fringes. Through these modified changes, the range of the measurable frequency under the scope of this study is increased nearly fourfold above its normal range. Theoretical and experimental results are presented.