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# Fractional Fourier transform method of chirped fringe pattern analysis for profilometry

Patiño-Vanegas, Alberto<sup>a</sup> ; Altamar-Mercado, Hernando<sup>a</sup>; Torres, Rafael<sup>b</sup><sup>a</sup> Universidad Tecnologica de Bolivar, Cartagena, Colombia<sup>b</sup> Universidad Industrial de Santander, Bucaramanga, Colombia

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**Abstract**

A method is proposed to obtain the 3D profile of an object or the shape of a wavefront. The analysis of linearly chirped cosenoidal fringes is performed in the fractional Fourier domain. © OSA 2020, © 2020 The Author(s)

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