Title:	Performance analysis of a three dimensional OCDMA code
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Abstract:	The paper presents the design, implementation and performance investigation of a novel three dimensional (3D) Phase/Wavelength/Time code referred as three dimensional modified Golomb code (3D MGC). The proposed 3D MGC code maintains high cardinality and ensures minimum cross correlation. In this paper, the performance in terms of bit error rate (BER) of the proposed 3D MGC code is compared with the existing 3D OCDMA codes. The simulation is carried out with the use of the optisystem software version 14.
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