عنوان مقاله:

A new Gaussian Fibonacci matrices and its applications

محل انتشار:

تعداد صفحات اصل مقاله: 8

نویسنده:

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خلاصه مقاله:

In this paper, we introduced a new Gaussian Fibonacci matrix, G^{n} whose elements are Gaussian Fibonacci numbers and we developed a new coding and decoding method followed from this Gaussian Fibonacci matrix, G^{n}. We established the relations between the code matrix elements, error detection and correction for this coding theory. Correction ability of this method is ۹۳.۳۳\%.

کلمات کلیدی:

Gaussian Fibonacci numbers, Fibonacci numbers, Golden mean

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