



**Chebyshev-Like Matrix Polynomials  
of Two Variables**

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**Abstract**

In [R. S. Batahan, A new extension of Hermite matrix polynomials and their application, *Linear Algebra and its Application* 419 (2006), 82-92], Batahan defined the Chebyshev matrix polynomials of two variables of the second kind. We define Chebyshev-like matrix polynomials of the same type including them.

**Keywords and phrases:** Chebyshev-like polynomials, Chebyshev matrix polynomials.

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