


# New strong divisibility sequences\*

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## Abstract

We provide new families of divisibility and strong divisibility sequences based on some factorization properties of Chebyshev polynomials.

*Keywords: Strong divisibility sequences, Chebyshev polynomials, tridiagonal matrices, determinant.  
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## Nova zlahka deljiva zaporedja\*

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### Povzetek

Predstavimo nove družine deljivih in zlahka deljivih zaporedij, osnovanih na nekaterih faktorizacijskih lastnostih polinomov Čebiševa.

*Ključne besede: Zlahka deljiva zaporedja, polinomi Čebiševa, tridiagonalne matrike, determinanta. Math. Subj. Class. (2020): 11B37, 11B39, 11B83, 15B05, 33C45*

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