

Turkish Journal of Mathematics

Turkish Journal



of

Mathematics

Stack-Sortable Permutations and Polynomials

İ. Ş. GÜLOĞLU, C. KOÇ
Department of Mathematics

Doğuş University,
Acıbadem, Zeamet Sokak
34722, Kadıköy, İstanbul, TURKEY

 [Keywords](#)
 [Authors](#)

Abstract: The Catalan numbers show up in a diverse variety of counting problems. In this note we give yet another characterization of the Catalan number $C(n)$. It is characterized as the dimension of a certain space of multilinear polynomials by exhibiting a basis.

Key Words: Catalan numbers, stack-sortable permutations, permutations acting on polynomials.



math@tubitak.gov.tr

[Scientific Journals Home
Page](#)

Turk. J. Math., **33**, (2009), 1-8.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Math., vol.33, iss.1.](#)