

ZMATH 2015e.00975

Chehlarova, Toni; Chehlarova, Koya

Photo-pictures and dynamic software or about the motivation of the art-oriented students.

Int. J. Technol. Math. Educ. 21, No. 1, 27-31 (2014).

Summary: This paper deals with ideas about dynamic presentation of photo-pictures by means of dynamic software GeoGebra in order to motivate art students to get acquainted with some specific mathematical functions. The results of the experiment include deeper understanding of the functions' nature, search of new functions for dealing with a practical problem, using curves, carrying out explorations and inquiries and an exhibition "Dynamic photography".

Classification: U70 M80 I20 D80

Keywords: dynamic geometry software; mathematics and art; mathematical concepts; design; problem solving; functions

<http://www.researchinformation.co.uk/timearch/2014-01/pageflip.html>