Geometric aspects in teaching the course "Differential Equations"

GUŢU VALERIU

In our communication we would like to emphasize the importance and the effectiveness of using geometric aspects in teaching the course "Differential Equations" for university students. We illustrate this approach on such notions as, for example, direction (slope) fields, existence and uniqueness points, singular points, singular solutions, differential equations generated by differential forms, simple modeling, implicit equations and others.

(GUŢU Valeriu) Moldova State University, Chişinău, Republic of Moldova *E-mail address*: vgutu@yahoo.com