



C.P. 16 – 162, 062510 – BUCUREȘTI  
tel. 021.4113617, fax 021.4114280

e-mail. [office@matrixrom.ro](mailto:office@matrixrom.ro), [www.matrixrom.ro](http://www.matrixrom.ro)

### **Differential equations: collection of problems**

Chapter 1. Ordinary differential equations that can be solved exactly

Chapter 2. Qualitative theory of differential equations

Chapter 3. Linear differential equations

Chapter 4. Systems of differential equations

Chapter 5. The Laplace transform method

Chapter 6. Stability theory

Chapter 7. First order partial differential equations and systems of equations

A. Isoclines method

B. Euler's function