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Matemorphosis, an alternative tool for sharing mathematics. Preliminary report.

The purpose of this talk is to expose the details of a magazine entitled Matemorphosis. This publication aims, in the short run, to permeate an individual, in particular any professor of pre-university level, with an overview of the richness, deepness and universality of mathematical knowledge. In the long run, the reader should acquire a solid and profound comprehension of the subject; at least, until that level. The ultimate goal is to apprehend, not just manipulate. Complementary to our task, the reader will also develop and refine reading and writing skills. Due to the fact that we are addressing a mathematically illiterate audience, the contents should not reflect a traditional mathematical presentation which usually includes, among other characteristics: the usage of abstract definitions; the convention of accepting axioms and/or postulates without any discussion; a presupposed familiarity with an additional symbolic language, that allows to express equations; partial explanations that the user must complete by himself; and, most important, an unavoidable examination demanding the correct resolution of computational exercises to evaluate if the reader grasps the material. In brief, the magazine should be presented as the antithesis of almost any mathematical textbook. (Received July 16, 2012)