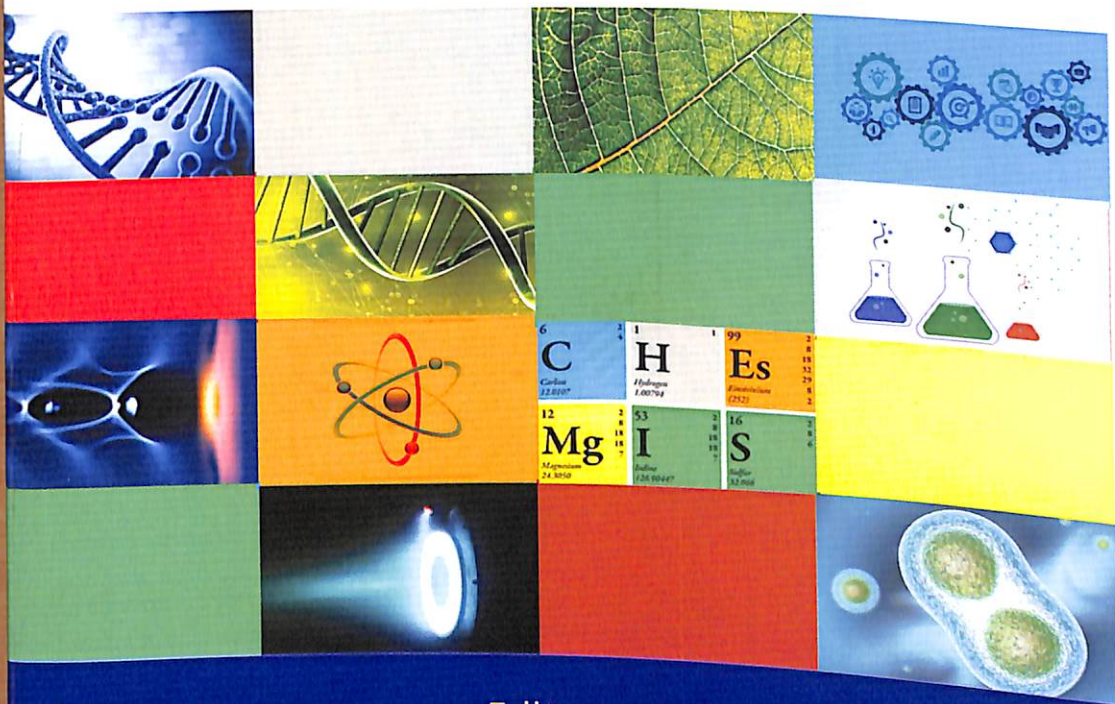


EMERGING TRENDS IN SCIENCE & TECHNOLOGY



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Mathematical Modeling: A Mathematical Tools for solving Problems of the Real World

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A mathematical model is a mathematical relation that describes some real-life situation. The mathematical modelings are activities that are allowed for establishing a relationship between mathematical contents approach in the discipline with some problems related to the real life. Modeling of a problem is the heart of mathematical literacy. In this paper we have, as an objective, to analyze the possibility of pedagogical contributions when using between curricular contents and the application of mathematical modeling, with the support of technology, in daily life situation, especially when such situations are related to their current or future activities. There are now plenty of examples of the successful teaching of modeling at all levels – yet it is to be found in few in future. It is discussed how progress is made, illustrating it with examples of using mathematical modeling in everyday life problems. There are some reasons to be optimistic.

In the last two decades, mathematical modeling has been increasingly viewed as an educational approach to mathematics

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