Aspects on the method of mathematical induction

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The article deals with some aspects of the method of mathematical induction, highlighting the importance of studying the respective subject within the mathematics classes. Examples of situations of misapplication of the respective method are highlighted by examples. Also, the relation between the concepts of deduction and induction is approached in order to establish both their origin through the prism of the knowledge process, as well as the delimitation between them. Another problem discussed concerns the formulation of the principle of mathematical induction and the application of the respective method by highlighting the observance of the related algorithm.

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