Solving Some Algebraic Problems With the Help of Vectors

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We face difficulties when solving some algebraic problems (equations, inequalities, systems of inequalities, etc.). Therefore, we investigated the solution of such problems. We have come to the conclusion that vectors can be used in order to solve these problems. Moreover vector make solution of problems much more convenient. To do this, we need to know some properties of vectors (collinear vectors, scalar product of vectors, etc.). By applying these properties, a number of difficult problems are solved more easily. Our goal: • Solving difficult algebraic problems easily • Saving time while solving problems • Solve problems in a more efficient way • Use different methods to solve algebraic problems • Integration between algebraic problems and vectors

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