In the world of mathematical designations and equations

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Abstract. Algebra is one of the main parts of math and range of its important problems, contains analysis and solving methods of different equations. May be said that, concept of "equation" is tightly and organically connected to algebra. During the long time of developing math, this concept suffered a natural evolution. In this work, there are very shortly and schematically examined researches and discoveries connected to various types of equations, from historical side. Classical versions of these "equations" gave birth to many various branches. Nowadays these branches continue to develop successfully.