

My thesis is intended not only for high school teachers and students, but also for the public to deepen their understanding of analytical geometry and to compare the knowledge of today's students with the knowledge of students from the 1920s and 1930s. The thesis includes analysis of textbooks of analytical geometry originated in the era of the First Republic and their further comparison in terms of content, used language and whole elaboration. Furthermore, it includes selected examples of calculations using both historical and contemporary methods, accompanied by pictures from Geogebra programme. The thesis contains testing of current students when solving historical exercises .