

Presentation of software GEO5 for solving of geotechnical problems

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Abstract: This review is focused on geotechnical software suite GEO5. Software GEO was launched for the first time 25 years ago as an auxiliary tool for civil engineers and designers for their demanding work. During this time software GEO5 has undergone in progressive development and currently these programs serve more than 3000 customers in 100 countries of the world. Software GEO5 includes 24 software modules for solving of various geotechnical problems. The new version of the software package GEO5 is published twice a year and it always brings a lot of innovations and improvements of individual programs.

Keywords: geotechnical engineering, development of software GEO5, foundations, analytical and numerical solution, dimensioning of structures, low-cost modular system, various language versions

JEL Classification: L74, L86