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TECHNICAL FACULTY IN BOR



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Doc. dr Uroš Stamenković

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APPLICATION OF SOFTWARE PACKAGES IN THE VISUALIZATION OF THE CASTING PROCESS-EXPERIENCE

Student: Andreja Grujić

Mentor: Srba Mladenović

University of Belgrade, Technical Faculty in Bor, Bor, Serbia

Abstract

Several software packages are used today to model the casting process when designing castings technology of concrete castings is in matter. In this way, modern design procedures enable a digital check of the influence of all stages of designing and making castings, and it is also possible to analyze the influence of different casting parameters on obtaining the final casting. In this paper, the influence of the position and dimensions of the pouring system on the occurrence of blowhole during the production of a concrete casting was analyzed, using the appropriate software and by producing the casting in real conditions.

Keywords: *Simulation, Casting Process*

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