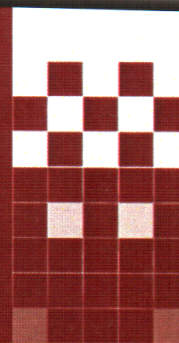




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FACULTY OF APPLIED SCIENCES



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FIRST INTERNATIONAL CONFERENCE OF APPLIED SCIENCES (ICAS2015)

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ПРИМЕНЕТИ НАУКИ

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8-9 May 2015
Tetova, Macedonia

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Title of the paper: CALCULATION OF DRILING AND BLASTING PARAMETERS IN BLASTING PERFORMANCE
Abstract: In all mining technology drilling and blasting parameters and works are one of the main production processes at each mine. The parameters of drilling and blasting and explosives consumption per ton of blasting mass are define economic indicators of any blasting no matter for what purpose and where mining is performed. The calculation of rock blasting should always have in mind that the methodology of calculation of all drilling and blasting parameters in blasting performance are performed for certain average conditions. For a particular locality (mine, block or bench) the calculation of the parameters is the initial value that practically have to be verified, monitored, checked and corrected to achieve better results. The positive effects of any blasting are assessed through: getting blasting mass with a granulation suitable for transport and processing then stable bench slopes, not deformed working areas around blast series, minimum seismic effects etc.
Keywords: blasting, parameters, mine, effects, rocks