USING DYNAMIC PROGRAMMING FOR VIEWING AND COUNTING PRIME NUMBERS
(POSTER PRESENTATION)

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ABSTRACT. The purpose of this work is help with the understanding of how to calculate prime numbers. Using dynamic programming it was developed a solution for counting and viewing prime numbers. The computer science received great contributions from mathematicians, because mathematical models can create processes and efficient solutions for problems which become more challenging with the time. Relating the dynamic programming with a gaussian mathematical model - which comes near the amount of primes in any interval - it is possible to search a new technique in computer science for counting and viewing prime numbers.

Keywords. Prime Numbers, Dynamic Programming, Theory of Numbers

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