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Patent Search

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Inventor

Name	Address
Dr. V. Naganjaneyulu	Associate Professor, Department of S & H (Mathematics), Lords Institute OF Engineering and Technology (A), Hyderabad, Telangan India, Pincode: 500091
Dr. Y. Hari Krishna	Assistant Professor, Department of H&S (Mathematics), Anurag Engineering College, Ananthagiri, Kodad, Suryapet, Telangana, Ind Pincode: 508206
Dr. Tenneti Ramprasad	Assistant Professor, Department of Mathematics, MVGR College of Engineering (Autonomous), Vizianagaram, Andhra Pradesh, Inc Code: 535002
Dr. Bonu Akkayya	Assistant Professor (Mathematics), Basic Science and Humanities Department, Seshadri Rao Gudlavalleru Engineering college, Gudlavalleru, Krishna District, Andhra Pradesh, India, Pincode: 521356.
Dr. B. Nageswara Rao	Associate Professor, Department of Mathematics, Lendi Institute of Engineering and Technology, Jonnada, Vizianagaram, Andhra Pradesh, India, Pincode: 535005
Dr. Y. Bhargavi	Assistant Professor, Department of Mathematics, Koneru Lakshmaiah Education Foundation, Vaddeswaram, Guntur, Andhra Prad India, Pincode: 522302
Dr. K. Kavita	Associate Professor, Department of Mathematics, BVRIT Hyderabad College of Engineering for Women, Bachpally, Telangana, Indi Pincode: 500090
Mr. P. Shanthan Kumar	Assistant Professor, Department of Mathematics, Institute of Aeronautical Engineering (IARE), Hyderabad, Telangana, India, Pincode:500090
Dr. C. Siva Sankar	Associate Professor, Department of Education, Rajiv Gandhi University, Rono hills, Doimukh, Arunachal Pradesh, India, Pincode: 79

Applicant

Name	Address
Dr. V. Naganjaneyulu	Associate Professor, Department of S & H (Mathematics), Lords Institute OF Engineering and Technology (A), Hyderabad, Telangan India, Pincode: 500091
Dr. Y. Hari Krishna	Assistant Professor, Department of H&S (Mathematics), Anurag Engineering College, Ananthagiri, Kodad, Suryapet, Telangana, India, Pincode: 508206
Dr. Tenneti Ramprasad	Assistant Professor, Department of Mathematics, MVGR College of Engineering (Autonomous), Vizianagaram, Andhra Pradesh, India, Pin Code: 535002
Dr. Bonu Akkayya	Assistant Professor (Mathematics), Basic Science and Humanities Department, Seshadri Rao Gudlavalleru Engineering college, Gudlavalleru, Krishna District, Andhra Pradesh, India, Pincode: 521356.
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Dr. K. Kavita	Associate Professor, Department of Mathematics, BVRIT Hyderabad College of Engineering for Women, Bachpally, Telangana, India, Pincode: 500090
Mr. P. Shanthan Kumar	Assistant Professor, Department of Mathematics, Institute of Aeronautical Engineering (IARE), Hyderabad, Telangana, India, Pincode:500090
Dr. C. Siva Sankar	Associate Professor, Department of Education, Rajiv Gandhi University, Rono hills, Doimukh, Arunachal Pradesh, India, Pincode: 791004

Abstract:

The binomial theorem provides us with the possibility to include a variety of mathematical concepts into a single unit of instruction. It has an interesting history, which has been studied in order to have a better grasp of how mathematics developed through time. As a result, we have integrated computer graphics with geometric combinatorics to arrive at the binomial theorem, which is presented in this work. Students will gain an understanding of some of the more subtle aspects of the domain and range that are limited to the set of real numbers via the study of functions that have finite domains and ranges.

Complete Specification

Claims:1. When the decoding means is activated, it operates in accordance with a binomial decoding algorithm that has an arbitrary number of uniquely representative of one of the state outputs, and each term consisting of an arbitrarily fixed number n (n being the number of logic ones) for each of the terms).

2. This is hardly unexpected given the nature of Greek mathematics and the difficulty involved in generating a decent picture in the first place. The arbitrary integer exponent exists.

3. Therefore a set of m objects can be arranged in some order, that is, an object can be chosen to occupy each of the places in $m!$ ways.

4. When the total of $(a + b)^3$ is extended, we get a sum of eight terms that seem to be separate. Each term is the sum of three elements, each of which is the sum of two elements, each of which is the sum of one element. In each of the three locations, the eight phrases exhaust all possible combinations of the letters a and b .

5. It is believed that this demonstration is superior to the proofs that are often presented in Algebra II courses, proofs that rely on basic multiplication and manipulation.

, Description: The proposed invention is related to calculating Mathematical binomial expression related.

BACKGROUND OF THE INVENTION:

The Elements of Euclid (written approximately 300 B.C.) is the most significant mathematical work ever written. With the exception of the Bible, this book has been published in more numbers of copies and editions than any other book in history. For teachers who want to give students the opportunity to work on a research project, assigning "volunteers" the task of preparing reports on various aspects of ancient Greek culture in general and Greek mathematics in particular.

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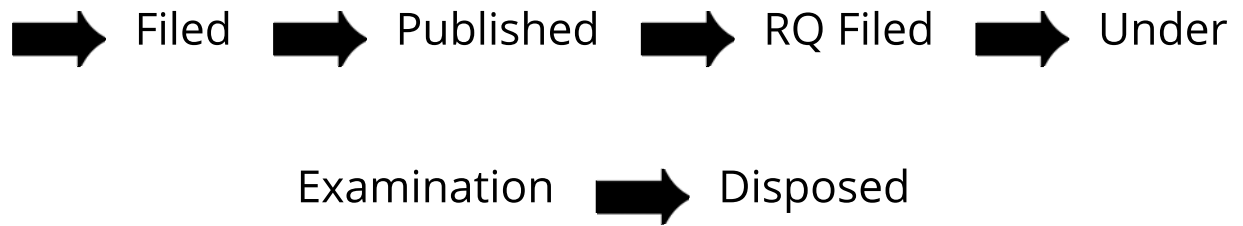
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APPLICANT NAME	1 . Dr. V. Naganjaneyulu 2 . Dr. Y. Hari Krishna 3 . Dr. Tenneti Ramprasad 4 . Dr. Bonu Akkayya 5 . Dr. B. Nageswara Rao 6 . Dr. Y. Bhargavi 7 . Dr. K. Kavita 8 . Mr. P. Shanthan Kumar 9 . Dr. C. Siva Sankar
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E-MAIL (As Per Record)	03mrmanoj@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
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