

## Calendar 2016: Polynomoigraphy: A Calendar for 2016 with 12 Mathematically Produced Images



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*Definitely among the best book I have possibly read. I have study and i am sure that i will going to go through once more once more later on. Your lifestyle span is going to be convert when you full looking at this publication.*

***(Prof. Damon Kautzer III)***

## CALENDAR 2016: POLYNOMOIGRAPHY: A CALENDAR FOR 2016 WITH 12 MATHEMATICALLY PRODUCED IMAGES



Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 216 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This is a calendar with 12 mathematically generated images via the software Polynomoigraphy using a single polynomial equation for each image. See: Artist's Statement: Polynomoigraphy, I have defined to be the art and science of visualization in an approximation of zeros of complex polynomials, via images created using the mathematical convergence properties of iteration functions. An individual image is called a polynomiograph. Working with polynomoigraphy software is comparable to working with a camera. Through practice, one can learn to produce the most exquisite and complex patterns. These designs, at their best, are analogous to the most sophisticated human designs. The intricate patterning of Islamic art, the composition of Oriental carpets, or the elegant design of French fabrics come to mind as very similar to the symmetrical, repetitive, and orderly graphic images produced through polynomoigraphy. But polynomiographic designs can also be irregular, asymmetric, and non-recurring, suggesting parallels with the work of artists associated with Abstract Expressionism and Minimalism. Polynomoigraphy could be used in classrooms for the teaching of art or mathematics, from children to college level students, as well as in both professional and non-professional situations. Its creative possibilities could enhance the professional art curriculum. The polynomiographer can create an infinite variety of designs. made possible by employing an infinite variety of iteration functions. The polynomiographer then may go through the same kind of decision making as the photographer: changing scale, isolating parts of the image, enlarging or reducing, adjusting values and color until the polynomiograph is resolved into a visually satisfying entity. Like a photographer, a polynomiographer can learn to create images that are aesthetically beautiful and individual, with or without the knowledge of...



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