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MICHELANGELO AND CONTEMPORARY SCIENCE

Summary

This paper aims to make comparisons between basic scientific theories and big artificial master-pieces. This noneveryday attempt of connecting seemingly heterogeneous disciplines was a result of thinking that modern science offers us possibility for different observation and understanding of material world – confinement which separates “subject” and “object” from the origin is shown as a circle of interdependent differences in nature and with that in art and science. Michelangelo’s works inform us how nature is mathematically simple (and that is the essence of its beauty in perfect symmetry) giving us an insight into continuous and harmonious circle of a human and nature interdependence. Results of Michelangelo’s classical power and easy perceiving of simple natural laws are works of art whose value is imperishable and takes the breath away. Especially fascinating is awareness with how much success the great artist connected functional and aesthetic, what is explicitly shown in the example of Piazza del Campidoglio design. The aim is to point out Michelangelo’s ability of recognizing beauty in diversity, which is possible to find only in the structured nature offering which we have neglected because of exaggerated tyranny of “common sense”. The leading idea is necessity of connecting science, art and modern technologies under the cover of new philosophic thinking what undoubtedly can help in overcoming crisis of modern creativity.

Key words: *Michelangelo, modern science, art, philosophy, quantum theory, geometric symmetry.*