

Moon Horizon

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Abstract

1. Introduction

Does visual representation of a moon horizon affects our concept of moon exploration and possible life on the moon? Only a few photos have demonstrated the moon horizon from human perspective, it's hard to imagine what it is like to see the moon horizon unless we have visual representation. A simulation of experience of moon horizon will be the means to investigate how such vision changes our ideas and actions.

1.1 First earth picture and its impact

The first image of our earth seen from the space created a new sensation and has contributed to our understanding of the concept of our earth.^{[1][2][3]}

1.2 Horizon and exploration

If we read the humanity origin as narrated by Buckminster Fuller, ^[3] the imagery that dominates our ancestors were the horizon of sky and the ocean. How does that vision influence our exploration activities?

1.3 Horizon in its metaphysical context

To investigate beyond “horizon” is the vocabulary we use for exploration, and lays the ground both for scientific and artistic breakthrough. ^{[4][5]}

2. Investigation Methods

I plan to study the surface of the moon, create or obtain 3D model and produce a diorama in which the surface of the moon is represented visually.

3. Diorama

Diorama is a intuitive way to investigate our imagination, and our concept of the world. To recreate the surface of the moon in the form of a diorama also bears a certain art historical heritage. (Examples: Duchamp's diorama)

4. Summary and Conclusions

Visual experience hugely influence our concept of the world, the line of our earthly horizon defines our curiosity. The urge to get as close as possible to capture the definitive line—a conceptual line without width drives our inquiry, no matter scientific or philosophical. To extend our imagination of living on the moon, a reasonable first step would be getting used to the imagery of moon horizon.

Acknowledgements

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References

- [1] Steve, Connor: Forty years since the first picture of earth from space, The Independent, Jan. 2009.
- [2] Tony Reichhardt.: First Photo From Space, Air & Space magazine, Smithsonian, Nov. 2006
- [3] Gregory A Petsko: The Blue Marble, Genome Biology, 2011, 12:112
- [4] Buckminster fuller: Critical Path, St. Martin's Press, New York, 1981
- [5] Gabriella Farina: Some reflections on the phenomenological method, Dialogues in Philosophy, Mental and Neuro Sciences, Vol. 7, Issue 2, Dec. 2014