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DESIGN, DEVELOP, ADVANCED FUTURE AUTONOMOUS FLEET OF ROBOTIC ROVERS WITH ARTIFICIAL INTELLIGENCE SOFTWARE TO TERRAFORM THE LUNAR CRATER TO BUILD SOPHISTICATED HELIOSTATS

Abstract

We propose new techniques of Transformers(TF) to transform an region of an extreme hazardous environment into an constructive micro-environment projecting solar energy at the defined location where robots or human manage/operate their Scientific activities. Our Aim is to Terraform the Moon, to fill the crater with solar-powered transformers, and then use the fleet of robots to turn the crater into a miniature friendly hospitable habitat. Normally TFs use shape transformation to control the energy projections. We propose an advanced field integrated Design and Operations Rover for Lunar Surface Exploration with Notion Artificial Intelligence Software to Lunar /Planetary Future Rovers to make them more self reliant capable of handling multiple decisions to navigate the Moon south Pole. Thus enabling to give the feedback of the different terrains/testing of various tasks without interference to the Scientists on Earth through analysis data software. With advancing surveying instruments team of oasis of co-operative notion robots may able to map large tracts of the surface of mars thus do complex tasks. We propose to conduct different testing of wireless communication on a mission. The First Notion task is to build up multiple heliostats Stations to direct the light from the Surrounding Peaks into the Lunar Crater. These Lunar Transformers (LTF) would develop an experimental habitat for Autonomous Robots for scientific analysis thus creating an Advanced Scientific Lunar Lab for conducting experiments and multiple tasks. This research paper is in its initial development and presents an overall view of a new technology integrated Summary of the Future Rovers with Artificial Intelligence to address the challenge building Lunar Transformers /Heliostats and to transform a region of an extreme hazardous environment into a friendly micro-environment/Habitat, thus projecting solar energy at the locations where Robots or Human operate.

Keywords: - Autonomous Robotics Rover, Artificial Intelligence Software, Lunar Transformers, Heliostats