Abstract

The robot is programmed to be used for specific works which are very complicated for human being like space exploration, planet exploration, remote sensing etc. Recently a robot was sent to the Mars for the detection of presence of life on it. In this paper the basic design of Mars Rover is discussed along with its brief details. The design has few shortcomings and its whole working depend on the ground station working. In this paper a new design approach has been proposed which involve less dependencies on ground station working and chances of failure will be less than the existing design.

Reference


Index Terms

Electronics

Robotics

Key words

Acoustic tracking

intelligent robots

robot kinematics

extraterrestrial exploration

transducers

image sensors