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THE STUDY OF THE COMMUNICATION LINK POSSIBILITY BETWEEN LUNAR ORBITER AND
LANDER

Abstract

Many countries has been interested in the moon exploration. they would like to investigate and explore the moon surface for the scientific purposes. These study will need to send the lunar orbiter and lander to the moon in order to implement the lunar exploration case. The lunar lander has many scientific sensors and collect the detailed data from the moon. It will send the much measured data to ground station or to the lunar orbiter. when we use the lunar orbiter to the communication relay satellite, It is important to determine orbit of the lunar orbiter. This paper describes we determine the orbit of lunar orbiter using the communication link between lunar orbiter and lander. The communication distance change to the receiver performance which are loaded to the orbiter and predict to the various orbits of the lunar orbiter.