

SUMMARY

This research is science engineering topic based on compositional and volume information to figure out the mass of a rock pebbles on a planetary surface. For this purpose, 3D computing Photogrammetry method and X-ray Fluorescence methods were used to derive the necessity physical quantities for the mass computing

First section discusses the moon, its characteristics and possibility of terraforming. The second half of this bachelor's thesis is focused on modeling and its techniques. The final part summarizes the results derived from modeling chapter.