

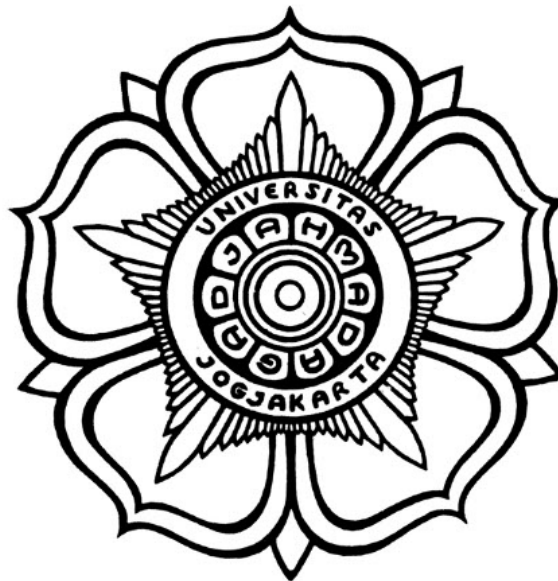


**Suction-based Grasp Point Estimation in Cluttered Environment for Robotic Manipulator**  
TRI WAHYU UTOMO, Dr.Eng. Igi Ardiyanto, S.T., M.Eng.; Adha Imam Cahyadi, S.T., M.Eng., D.Eng.  
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# **SUCTION-BASED GRASP POINT ESTIMATION IN CLUTTERED ENVIRONMENT FOR ROBOTIC MANIPULATOR**

**BACHELOR THESIS**



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