

BIRZEIT UNIVERSITY

Faculty Of Graduate Studies Mathematics Program

A STUDY ON HOLLOW-LIFTING MODULES

Prepared by Mahmoud Ghannam

Supervised by Professor Mohammad Saleh

> M. Sc. Thesis Birzeit University Palestine

> > 2013

A STUDY ON HOLLOW-LIFTING MODULES

Prepared By Mahmoud Ghannam Master in Mathematics, Birzeit University, 2013

Supervised By Prof. Mohammad Saleh Mathematics Department, Birzeit University

This thesis was submitted in fulfillment of the requirements for the Master's Degree in Mathematics from the Faculty of Graduate Studies at Birzeit University, Palestine.

Program of Mathematics 2013