

THE GRADUATE COLLEGE
WESTERN MICHIGAN UNIVERSITY
KALAMAZOO, MICHIGAN

Date June 25, 1999

WE HEREBY APPROVE THE DISSERTATION SUBMITTED BY

Marcellin Zahui

ENTITLED Active Local Volume Displacement Cancellation of a

Vibrating Baffled Beam

AS PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE

DEGREE OF Doctor of Philosophy

Mechanical and Aeronautical
Engineering

(Department)

James W. Kao
Dissertation Review Committee Chair

Karosh Naghshineh
Dissertation Review Committee Member

Dennis J. VandenBrink
Dissertation Review Committee Member

H. Mousavi
Dissertation Review Committee Member

APPROVED

[Signature]

Dean of The Graduate College

Date August 1999