APPROVED BY THE DOCTORAL DISSERTATION COMMITTEE IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN MATHEMATICS AT THE UNIVERSITY OF PUERTO RICO

	ADVISOR	
	Luis Pericchi, Ph.D.	
	READERS	
Gonzalo García-Donato, Ph.D.		Israel Almodóvar, Ph.D.
Eugenio Guerrero, Ph.D.		Maria Pérez , Ph.D.
	Date	