TWO-FLUID COLLISIONAL MAGNETOHYDRODYNAMIC MODELING

BY

QUSAI AL SHIDI B.S. UNIVERSITY OF TOLEDO (2012)

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY PHYSICS & APPLIED PHYSICS UNIVERSITY OF MASSACHUSETTS LOWELL

Signature of			
Author:		Date:	
Signature of Disse	rtation Chair:		
Name Typed: Ofe	r Cohen		
Signatures of Othe	er Dissertation Committee Men	nbers	
Committee Memb	er Signature:		
Name Typed:	Paul Song		
Committee Memb	er Signature:		
	Juan Pablo Trelles		