
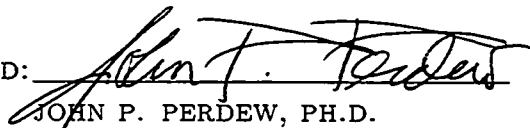
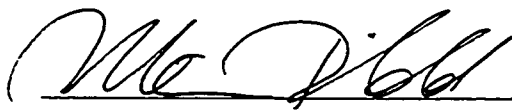


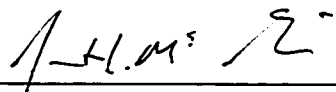
EQUATIONS OF STATE MOTIVATED BY THE STABILIZED JELLIUM MODEL

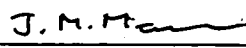
A DISSERTATION  
SUBMITTED ON THE ELEVENTH DAY OF JULY, 2002  
TO THE DEPARTMENT OF PHYSICS  
OF THE GRADUATE SCHOOL OF  
TULANE UNIVERSITY  
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY  
BY

  
ALIM B. ALCHAGIROV

APPROVED:   
JOHN P. PERDEW, PH.D.  
CHAIRMAN

  
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JIM MCGUIRE, PH.D.

  
JAMES MACLAREN, PH.D.

## Biography

The author began his undergraduate studies at Kabardino-Balkarian State University in 1992, in Nalchik, Russia. He arrived at Tulane University of New Orleans in 1996 to continue with his graduate studies in physics.