

A COMPREHENSIVE STUDY OF OXYGEN INDUCED RESTRUCTURING OF
RUTILE TiO₂(110) SURFACES

A DISSERTATION

SUBMITTED ON THE TWENTIETH DAY OF JULY, 2000

TO THE DEPARTMENT OF PHYSICS

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS

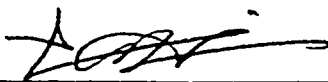
OF THE GRADUATE SCHOOL OF

TULANE UNIVERSITY

FOR THE DEGREE OF


DOCTOR OF PHILOSOPHY

BY

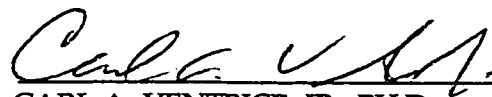


MIN LI

APPROVED:



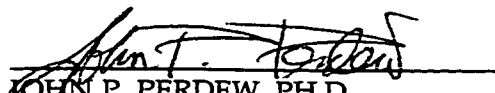
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Min Li received his Bachelor degree in nuclear physics in 1989; and his Master of Science degree in condensed matter physics in 1992 from Lanzhou University, China. He came to Tulane University in August 1996 and joined the Surface Physics Group, led by Prof. Ulrike Diebold. He received a Master of Science degree in surface physics from Tulane University in 1998.