

**CHARACTERIZATION OF HYDROTHERMALLY SYNTHESIZED
LEAD ZIRCONATE TITANATE (PZT) AND
LANTHANUM-DOPED PZT**

SAMART KONGTAWHEELERT

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN MATERIAL SCIENCE**

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THIS THESIS HAS BEEN APPROVED
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