

**TEACHERS' MATHEMATICAL KNOWLEDGE  
FOR TEACHING GEOMETRICAL  
TRANSFORMATIONS IN SELECTED  
SECONDARY SCHOOLS IN LUSAKA DISTRICT**

By

**JUSTINE MULENGA**

**A dissertation submitted to the University of Zambia in partial fulfilment  
of the requirement for the award of the degree of Master of Education in  
Mathematics Education**

**UNIVERSITY OF ZAMBIA**

**LUSAKA**

**2019**