INVESTIGATION ON PEMA/PVdF-HFP BLEND POLYMER ELECTROLYTES INCORPORATED WITH CARBONATE-BASED PLASTICIZERS AND IMIDAZOLIUM-BASED IONIC LIQUIDS

SIM LI NA

THESIS SUBMITTED IN FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

DEPARTMENT OF PHYSICS FACULTY OF SCIENCE UNIVERSITY OF MALAYA KUALA LUMPUR