



THE HONG KONG POLYTECHNIC UNIVERSITY  
香港理工大學

This is to certify that

**APEH Ojima Isaac**

having satisfied the examiners  
and having fulfilled all other requirements  
has been awarded the degree of

**DOCTOR OF PHILOSOPHY**

dated 31 October 2024

二零二四年十月三十一日

此證  
哲學博士  
考試及格照章頒授  
左列學生  
修業期滿

教務長	校長	校監
沈德祥	滕錦光	李家超



  
President

  
Chancellor

  
Registrar

