## Saitama University

This is to certify that

## FAKHAR MUHAMMAD ABBAS

Date of Birth: May 21, 1993

having satisfied all of the requirements of

the Doctor's Program of the Graduate School of

Science and Engineering, majoring in Science and Engineering

was awarded the degree of

Doctor of Philosophy

on September 22, 2022

Degree Number: 1261

& Salouri

Sakai, Takafumi President Saitama University Saitama, Japan

## 学 位 記

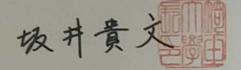
FAKHAR MUHAMMAD ABBAS

1993年5月21日生

本学大学院理工学研究科理工学 専攻の博士後期課程を修了したので 博士(学術)の学位を授与する

令和4年9月22日

埼玉大学長



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