गोंटोर्ग



भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी



DEPARTMENT OF ELECTRICAL ENGINEERING
Indian Institute of Technology (Banaras Hindu University) Varanasi

Undertaking from the Candidate

I, Amit Kumar Choudhary, declare that I have pursued my research work under the Supervision of Prof. S. K. Nagar from September 2011 to June 2017. I hereby submit my thesis entitled "Model Order Reduction of Discrete-time Interval Systems" for the award of Ph.D. degree.

Date: 7/6/17

Place: Varanasi

(Amit Kumar Choudhary)



THE OF TECHNOLOGY CO.

विद्युत अभियांत्रिकी विभाग

भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी

DEPARTMENT OF ELECTRICAL ENGINEERING Indian Institute of Technology (Banaras Hindu University) Varanasi

Course Work/Comprehensive Examination Completion Certificate

This is to certify that Mr. Amit Kumar Choudhary (Term No. RAC/RES/July11/T-62 Enrollment No. 340522), a bonafide research scholar of Electrical Engineering department, has satisfactorily completed the course work/comprehensive examination requirement which is a part of his Ph. D. programme.

Date: 7 6 17

(Head of the Department)

आचार्य व विभागाध्यक्ष / PROFESSOR & HEAD विद्युतीय अभियांत्रिकी विभाग / Department of Electrical Engineering भारतीय प्रौद्योगिकी संस्थान / Indian Institute of Technology (काशी हिन्दू विश्वविद्यालय) / (Banaras Hindu University) Varanasi, U.P. (INDIA)

Forwarded by:

Prof. S. K. Nagar

(Supervisor) आचार्य / PROFESSOR

विद्युतीय अभियांत्रिकी विभाग / Department of Electrical Engineering भारतीय प्रौद्योगिकी संस्थान / Indian Institute of Technology (काशी हिन्दू विश्वविद्यालय) / (Banaras Hindu University) Varanasi, U.P. (INDIA)

Prof. D. Singh

(DPGC, Convener)

संयोजक, विभागीय परास्नातक समिति Indian Institute of Technology भारतीय प्रौद्योगिकी संस्थान

(Banaras Hindu University), Varanasi काशी हिन्दू विश्वविद्यालय, बाराणसी



Varanasi – 221005, UP, INDIA T: 0542- 6702843, 2368727, **F**: 91-542-2368727 **W**: www.iitbhu.ac.in/eee, **E**: head.eee@iitbhu.ac.in

TECHNOLOGY LANGE OF TECHNO

विद्युत अभियांत्रिकी विभाग

भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी

DEPARTMENT OF ELECTRICAL ENGINEERING
Indian Institute of Technology (Banaras Hindu University) Varanasi

Pre-Submission Seminar Completion Certificate

This is to certify that Sri. Amit Kumar Choudhary (Term No. RAC/RES/July11/T-62 Enrollment No. 340522), a bonafide research scholar of Electrical Engineering department, has satisfactorily completed the pre-submission seminar on the topic "Model Order Reduction of Discrete-time Interval Systems" on Monday, 01-May-2017 which is a part of his Ph. D. programme.

Date: 7/6/17

Place: Varanasi

(Head of the Department)

आचार्य व विभागाध्यक्ष / PROFESSOR & HEAD विद्युतीय अमियांत्रिकी विभाग / Department of Electrical Engineering भारतीय प्रौद्योगिकी संस्थान / Indian Institute of Technology (काशी हिन्दू विश्वविद्यालय) / (Banaras Hindu University)

Varanasi, U.P. (INDIA)

Forwarded by:

Prof. S. K. Nagar

(Supervisor) आचार्य / PROFESSOR

बिद्युतीय अभियांत्रिकी विभाग / Department of Electrical Engineering भारतीय प्रौद्योगिकी संस्थान / Indian Institute of Technology (काशी हिन्दू विश्वविद्यालय) / (Banaras Hindu University) Varanasi, U.P. (INDIA)

Prof. D. Singh

(DPGC, Convener)

ार्गजक, विभागीय परास्तातक समिति Indian Institute of Technology भारतीय प्रीद्योगिकी संस्थान

Banaras Hindu University), Varanasi काशी हिन्तू विश्वविद्यालय, वाराणसी



Varanasi – 221005, UP, INDIA T: 0542- 6702843, 2368727, **F**: 91-542-2368727 **W**: www.iitbhu.ac.in/eee, **E**: head.eee@iitbhu.ac.in



विद्युत अभियांत्रिकी विभाग

भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी

DEPARTMENT OF ELECTRICAL ENGINEERING Indian Institute of Technology (Banaras Hindu University) Varanasi

Copyright Transfer Certificate

Title of the Thesis:

Model Order Reduction of Discrete-time Interval Systems

Candidate's Name:

Amit Kumar Choudhary

Copyright Transfer

The undersigned hereby assigns to the Banaras Hindu University all rights under copyright that may exist in and for the above thesis submitted for the award of the Ph. D. degree.

(Amit Kumar Choudhary)

Note: However, the author may reproduce or authorize others to reproduce material extracted verbatim from the thesis or derivative of the thesis for author's personal use provided that the source and the University's copyright notice are indicated.

