

ห้องสมุดงานวิจัย สำนักงานคณะกรรมการการวิจัยแห่งชาติ



E42106



APPROXIMATION OF THE PROBABILITY OF THE
NUMBER OF ISOLATED COPIES OF A
FIXED CONNECTED GRAPH IN
A RANDOM GRAPH

MR. SUPAMIT PIMSRI

A THESIS FOR THE DEGREE OF MASTER OF SCIENCE
KHON KAEN UNIVERSITY

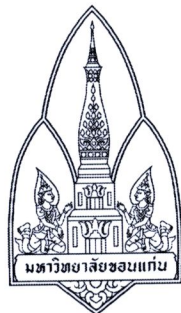
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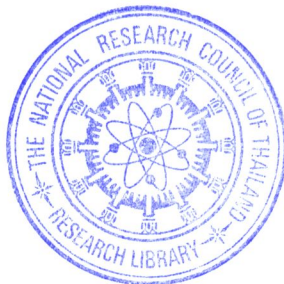
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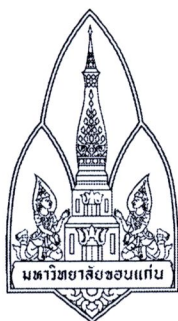
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MR. SUPAMIT PIMSRI

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Thesis Title: Approximation of the probability of the number of isolated copies of a fixed connected graph in a random graph

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ศุภมิตร พิมพ์ศรี. 2553. การประมาณค่าความน่าจะเป็นของจำนวนสำเนาที่แยกกลุ่มของ
กราฟเชื่อมโยงตามกำหนดในกราฟเชิงสุ่ม. วิทยานิพนธ์ปริญญาวิทยาศาสตรมหา
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เราให้ขอบเขตของการประมาณค่าความน่าจะเป็นของจำนวนสำเนาที่แยกกลุ่มของ
กราฟเชื่อมโยงตามกำหนดในกราฟเชิงสุ่มโดยใช้ระเบียบวิธีของสไตน์-เซน

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Master of Science Thesis in Mathematics, Graduate School, Khon Kaen University.

Thesis Advisor: Dr. Angkana Boonyued

ABSTRACT

We give bound for approximating the probability of the number of isolated copies of a fixed connected graph in a random graph by using the Stein-Chen method.

I dedicate this thesis to Dr. Angkana and to my parents,
with thanks for their support and encouragement
and especially for their patience.

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