The Math 2574 final exam will be held in Bruininks 230 on Monday May 9, 1:30-4:30.
The exam is on everything we have done, with equal emphasis on all sections. These sections
from the book are 1.1-1.6, 2.1-2.3, 3.1-3.6, 4.1-4.5, 4.7, 5.1-5.6, 6.1-6.3, 7.1-7.3, 8.1, 8.2, 9.1,
9.2.

Some extra questions for the sections since exam 3.
   Section 8.1: 10, 26.
   Section 8.2: 5, 10. There are no variation of parameters questions on the exam.
   Section 9.1: 7, 8
   Section 9.2: 14, 15, 21, 31.

Instructions on the front page of the exam:

This booklet contains 13 pages. Check to see if any are missing. Print on the top all
the requested information, and sign your name. Put your name on the top of every page, in
case the pages become separated. Do your work in the blank spaces and back of pages of
this booklet.

This is a 3-hour examination consisting of 17 questions divided into two parts, worth
a total of 200 points. Part I consists of 11 machine-graded multiple-choice questions worth
10 points each (total of 110 points). Part II consists of 6 hand-graded questions worth 15
points each (total of 90 points).

You may use a scientific calculator. You may not use a graphing calculator, a tablet,
a computer or a phone. You may not use books or notes. SHOW ALL YOUR WORK! In
part II, unsupported answers will receive little credit.

Machine graded part: You will receive one answer sheet to record your answers for the
machine-graded portion of the exam. You MUST use a soft pencil (No. 1 or No. 2) to
answer this part. Do not fold or tear the answer sheet, and carefully enter all the requested
information according to the instructions you received. Do not make any stray marks on
the answer sheet. When you have decided on a correct answer to a given question, circle
the answer in this booklet and blacken completely the corresponding circle in the answer
sheet. If you erase something, do so thoroughly. Each question has one and only one correct
answer. If you give two different answers, the question will be marked wrong. There is no
penalty for guessing, but if you don’t answer a question, skip the corresponding line in the
answer sheet. Go on to the next question.

Either the student or the School of Mathematics may for any reason request a regrade
of the machine graded part. All regrades will be based on responses in the test booklet,
and not on the machine graded response sheet. Any problem for which the answer is not
indicated in the test booklet, or which has no relevant accompanying calculations will be
marked wrong on the regrade. Therefore, work and answers must be clearly shown on the
test booklet.

After you finish both parts of the exam: Place the answer sheet between two pages
of this booklet (make a sandwich), with the side marked “General Purpose Answer Sheet”
facing DOWN. Have your ID card in your hand when handing in your exam.