

MATH 350: HOMEWORK #6

DUE IN LECTURE WEDNESDAY, NOV. 12, 2014.

1. TRANSCENDENTAL NUMBERS

1. Do problem 23 of section 12.1 of Rosen's book.

2. FINITE CONTINUED FRACTIONS

2. Do problem 2(d) of section 12.2 of Rosen's book.
3. Do problem 4(c) of section 12.2 of Rosen's book.
4. Do problem 9 of section 12.2 of Rosen's book.
5. Do problem 12 of section 12.2 of Rosen's book. We stated, but did not prove, this in class, so the problem is to prove this statement.

3. INFINITE CONTINUED FRACTIONS

6. Do problem 1 of section 12.3 of Rosen's book.
7. Do problem 6 of section 12.3 of Rosen's book.
8. Do problem 3 of section 12.3 of Rosen's book.