Due date: Friday, Jan. 30 2015, before 10 AM
Instructor: Dr. Becker
Theme: Fourier Series

Instructions: Problems marked with “Collaboration Allowed” mean that collaboration with your fellow students is OK and in fact recommended, although direct copying is not allowed. The internet is allowed for basic tasks. Please write down the names of the students that you worked with.

On problems marked “No Collaboration,” collaboration with anyone is forbidden. Internet usage is forbidden, but using the course text is allowed, as well as any book mentioned on the syllabus. These problems can be viewed as take-home exams.

An arbitrary subset of these questions will be graded.

Problem 1: Collaboration Allowed Problems 7.2, 7.4 from the book

Problem 2: No Collaboration Problems 7.1, 7.3 from the book

Problem 3: Optional: Problem 7.6