Lecture time and location: Time: Tu-Th, 3:00-4:15pm; Location: LD-229
Instructor: Dr. Olguta Buse.
Office: LD 270C.
Phone: 274-6940.
e-mail: buse@math.iupui.edu
Check my web page for updated class information:
http://www.math.iupui.edu/~buse/teaching/571f07/
Office hours: Tu-Th 2:00PM-3:00PM.
Examinations: There will be one midterm exam and one final exam. The tentative date for the midterm is October 9. The final exam will be on December 12 from 3:30 PM -5:30 PM.
Homework: The homework will be assigned mostly from the book but not only. It will be collected roughly every two weeks.
Grading: Your grade will be determined by homeworks 30 %, Midterm 25 % and the final examination 45%.
The sections which we will cover are listed below. They are listed in the same order in which they will be covered.

- Chapter 2: All (sections 12-22) except "Topological Groups".
- Chapter 3: All (sections 23-29) except "Nets"
- Chapter 5 Possibly statements of Tychonoff’s theorem and Stone Cech Compactification
• Chapter 7: Section 46
• Chapter 9: All except 56,57
• Chapter 11: All. Students should review the proofs in 67-69 independently.
• Chapter 12: All
• Chapter 13 All except Supplementary exercises