Monday February 2 *Class 6:*

Functions of a Complex Variable. Introduction to Mapping.

**Reading:**

Saff & Snider, (Section 2.1)

**Homework:** (due Friday February 6)

Saff & Snider, Section 2.1 # 1, 4, 5, 7, 8, 9, 10 *Extra Credit: # 13*

Quiz #2


Wednesday February 4 *Class 7:*

Limits, Continuity and the Point at Infinity

**Reading:**

Saff & Snider, (Section 2.2)

**Homework:** (due Friday February 6)

Saff & Snider, Section 2.2 # 1, 5, 7, 11, 14 *Extra Credit: #25*


Friday February 6 *Class 8:*

Analyticity and Differentiability of a Complex Function.

**Reading:**

Saff & Snider, (Section 2.3)

**Homework:** (due Friday February 13)

Saff & Snider, Section 2.3 # 3, 4, 7, 9, 11, 13 *Extra Credit: #15*

QUIZ #3