

MAT 362 SPRING 09 HOMEWORK 2

Due Thursday, Feb. 19

The following problems are from the text by DoCarmo.

§2.3, page 80.

Problems: 2, 5. For 5, show also that d is differentiable by using the chart definition of differentiability.

§2.4, pages 88-89.

Problems: 1, 2, 3, 7.