

Lecture 11: 2.5 The First Fundamental Form.

We did Definition 1 of the first fundamental form, Example 1, Example 2, Example 4.

We also did Definition 2 or the area formula in terms of a parametrization and the coefficients of the first fundamental form. We should also have done Example 5.

2.6 Orientation. We did the definition 1 of orientation and Proposition 1.