DIFFERENTIAL GEOMETRY OF CURVES AND SURFACES
(MTH 406)
ASSIGMENT-5

SUBMISSION DATE: 12-02-2020

Problem-A. Submit an answer of all problems.

(1) Show that the Mobius Band is not orientable. See Example 4.5.3 for more details.

(2) Solve excercise 4.5.2 from Chapter 4.

(3) Solve excercise 6.1.1(iii), 6.1.2, from Chapter 6.

(4) Solve excercise 7.1.1, 7.1.2 from Chapter 7.

Problem:B. You don't need to submit it.

(1) Solve excercise 6.1.3 from Chapter 6.

(2) Solve excercise 7.1.3 from Chapter 7.

Text Book: Elementry Differential Geometry, Andrew Pressley 2nd edition

Date: 05-02-2020.