

MATH 8307
Additional Problems for Homework Assignment #2
Due 02/07
INSTRUCTOR: Anar Akhmedov

1. Let $\mathbf{f} : \mathbf{S}^{2n} \rightarrow \mathbf{CP}^n$ be a continuous map. Compute the degree of \mathbf{f} .
2. Compute the cohomology ring of $\mathbf{K} \vee \mathbf{T}^2$ with \mathbf{Z}_2 coefficients, where \mathbf{K} is the Klein bottle.