Topics in Applied Algebraic Geometry
Homework 2 (Sandra)

due date: Tuesday 2017.05.9

Problem 1. Describe as much as you can the Segre-embedding $\mathbb{P}^1 \times \mathbb{P}^2 \to \mathbb{P}^5$ and its Chow ring. (Motivate all your writing!)

Problem 2. Use intersection theory to show that any regular map from $\mathbb{P}^n$ to a projective variety of dimension $m < n$ (for ex. $\mathbb{P}^m$) must be constant.