Homework-3 for Math 431   Due Date: 15 April 2022 Friday

Let $f, g \in k[x_0, \ldots, x_n]$ be irreducible homogeneous polynomials. Write the Hilbert polynomial of $Z(f, g) \subset \mathbb{P}^n$.

Write your solutions on A4 papers and staple them together. Do not use other fancy covers!

Thank you.