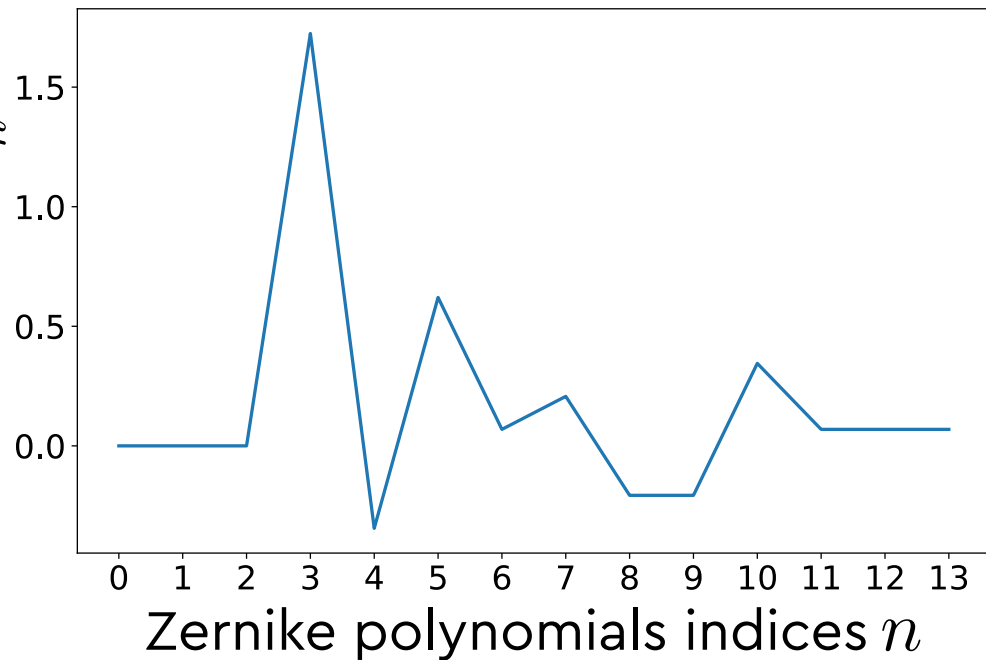


a. cost function:

$$\frac{\sum (\text{black circle} \times \text{purple circle})}{\sum ([1 - \text{black circle}] \times \text{purple circle})}$$

b. optimized Zernike coefficient a'_n



c.

