

# Introduction to Computational Optics, Lecturer: Zexin Feng

**Table 8.3** Seidel coefficient values for  $f/5$  parabolic mirror (ZEMAX).

Coefficient	Value <sup>a</sup>
$W_d$	0
$W_{040}$	0
$W_{131}$	$-1.3792\lambda$
$W_{222}$	$0.4815\lambda$
$W_{220}^b$	0
$W_{311}$	0

<sup>a</sup>  $\lambda = 0.633 \mu\text{m}$ .

<sup>b</sup> Sagittal field curvature.

Please kindly submit both the Matlab (or Octave, or Python) code and the corresponding resulting word (or pdf) files to Nanshun Jiang (姜南顺) (Email: jnswangyi@163.com or through ibit)

**Due: 2024/12/08**