旋光 SHG 锥折射（高斯 on 基波双轴）

```
├── match_type_1, polar3_1 = oo, o
├── match_type_2, polar3_1 = oe, o
├── match_type_3, polar3_1 = ee, o
├── match_type_1, polar3_2 = oo, e
├── match_type_2, polar3_2 = oe, e
├── match_type_3, polar3_2 = ee, e
```

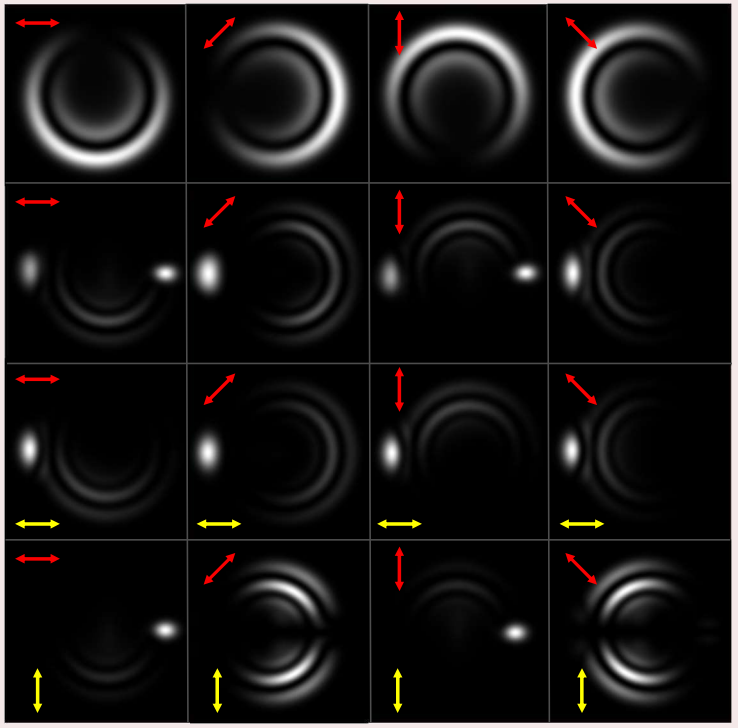
```
--> consume time: 0.7678136825561523 s
--> consume time: 0.6551692485809326 s
--> consume time: 0.7833249568939209 s
--> consume time: 0.7564020156860352 s
--> consume time: 0.8072695732116699 s
--> consume time: 0.7446310520172119 s
--> consume time: 0.7478673458099365 s
```

即使 不开启 分布式 多层 多线程

$$\begin{bmatrix} 0 & 0 & 0 & 0 & 6.7 & 0 \\ 0 & 0 & 0 & 5 & 0 & 0 \\ 6.7 & 5 & 13.7 & 0 & 0 & 0 \end{bmatrix} \cdot \begin{bmatrix} \hat{G}_{1x}\hat{G}_{2x} \\ \hat{G}_{1y}\hat{G}_{2y} \\ \hat{G}_{1z}\hat{G}_{2z} \\ \hat{G}_{1y}\hat{G}_{2z} + \hat{G}_{1z}\hat{G}_{2y} \\ \hat{G}_{1x}\hat{G}_{2z} + \hat{G}_{1z}\hat{G}_{2x} \\ \hat{G}_{1x}\hat{G}_{2y} + \hat{G}_{1y}\hat{G}_{2x} \end{bmatrix}$$

矢量 NLAST 生成右图 gif

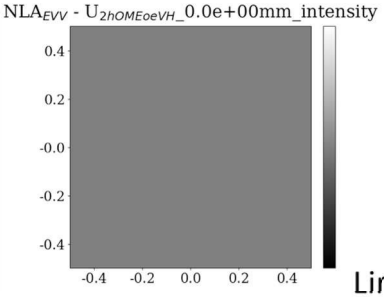
也只需要 30s = 0.7s * 7 * 6

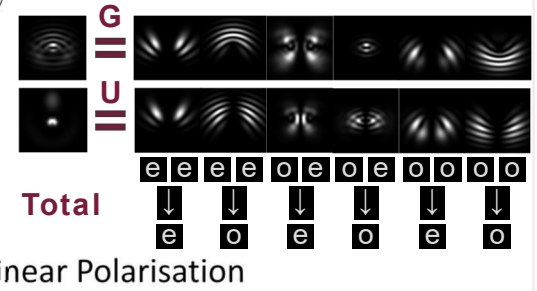


变 透镜组 焦距，矢量 NLAST 结果直接 更上一层楼

理由：实验未取焦面，且该作者手，不止一点抖

2014 - On the frequency-doubled conically-refracted Gaussian beam - Optics Express - Grant et al





Linear Polarisation