



研究内容



复现 Laser Photonics Rev: 13 min \rightarrow 2 s

第 6 章
第 6.2 节

矢量非线性·傅立叶光学

我们 2 s

实验

13 分钟

这种配置非常复杂，需要高像素分辨率，以及长晶体 ($M = 500$ 和 5000 个纵向步长)，因此在标准 PC (12 GB RAM) 上，每次分步傅立叶迭代持续 ≈ 13 分钟。

is clearly evident after very few iterations. This configuration is very complex, and required high pixel resolution, as well as a long crystal ($M = 500$ and 5000 longitudinal steps), so each split-step Fourier iteration lasted ≈ 13 min on a standard PC (12 GB RAM).

```
cos:1.0, sinc:0.0, mismatch:0.0
cos:0.99, sinc:0.01, mismatch:0.0
cos:0.99, sinc:0.01, mismatch:0.0
cos:0.98, sinc:0.02, mismatch:0.0
begin my thread --> consume time: 2.1358184814453125 s
```

