

光画像工学
Optical imaging and image processing
(VI)

Summary of lens aberrations

- Seidel aberrations
 - Spherical aberration
 - Coma
 - Astigmatism
 - Curvature of field
 - Distortion
- Chromatic aberration
- ザイデルの5収差
 - 球面収差
 - コマ収差
 - 非点収差
 - 像面湾曲
 - 歪曲収差
- 色収差

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Appendix
Geometrical optics, ray-tracing, lens aberration
幾何光学、光線追跡、レンズ系の収差

- Focal point and focal length of a lens
- Image formation, real image and virtual image
- Thick lens, principal plane
- Ray-tracing
- Paraxial approximation
- Lens aberration
 - Five Seidel aberrations
 - Chromatic aberration

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