

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

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Summary of lens aberrations

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