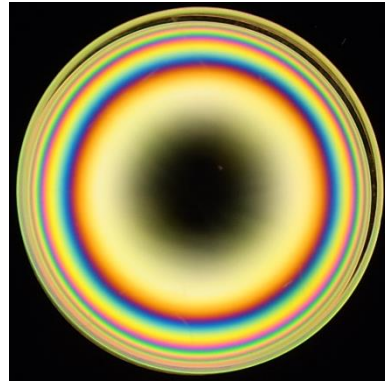
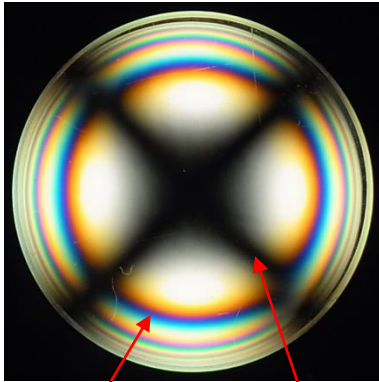


The circular polarization method

' 19.7.5



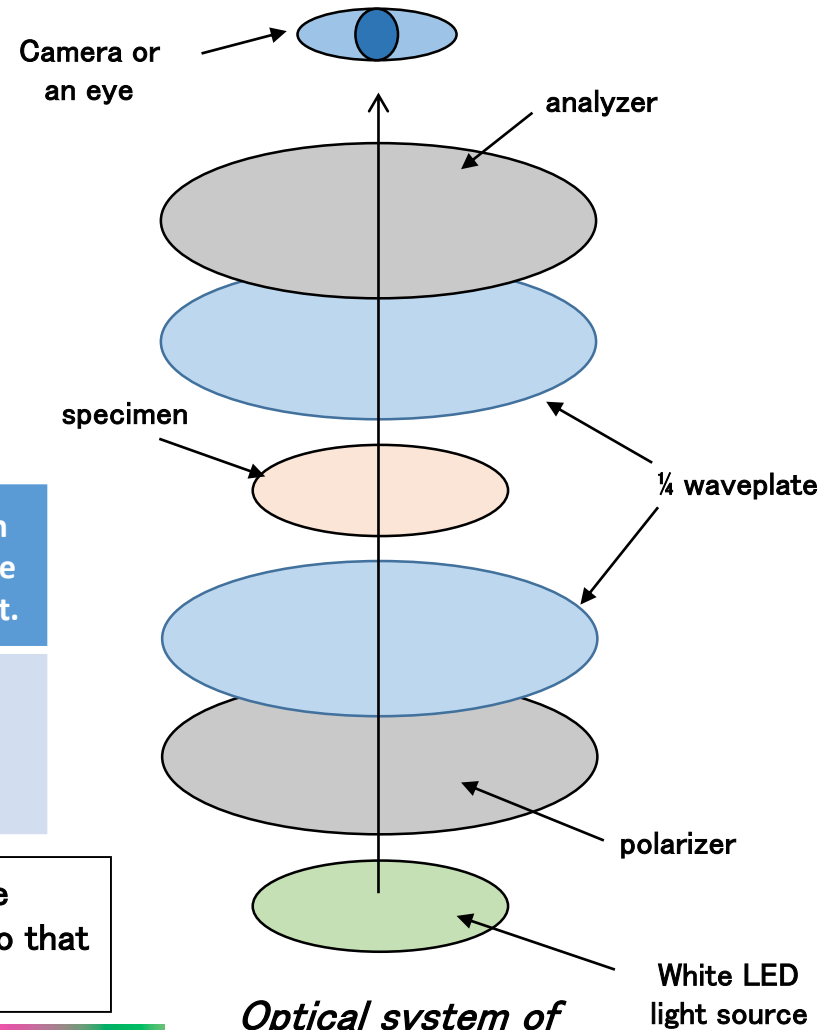
isochromatic line pattern isogradient line pattern

Crossed Nicol Method

Circular Polarizing Method

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| isochromatic line pattern | The same colors show the same retardation values(stress). Comparing the color with the chart,retardation values are decided from it. |
| isogradient line pattern | The positions of black lines indicate the direction of slow axis. The orientation is decided by reading the angle of polarization axis. |

The circular polarization method eliminates isogradient line pattern. It appears nothing but isochromatic line pattern so that it's very simple to see stress distributions.



Optical system of the circular polarization method