



$$\frac{d_L - d_R}{d} = [\sigma_{vv}(\hat{\theta} - \hat{\phi}) - \sigma_{vv}(\hat{\theta} + \hat{\phi})]$$

This equation shows the difference of the incoming light to the tubes containing the LDRs in relation to the angles  $\phi$  (inclination of the tubes) and  $\theta$  (inclination of the light beams of the light source)