Artificial anisotropy. Kerr effect. Anisotropy can appear in isotropic metra it we Avoluer mechanical perturbations. As we discussed not only enisotropy of Snyle oscollators is reportent, but its penderry Za space. Screen This effect is connected to deformation of electronic distributions within atoms and instearles and re-orientation of autobsopic molecules, For polymers : + may be re-orientation of chains. Wh = Ne-No=6 Denous Frations Kerr effect  $249 = \frac{24}{3} L E = 24BJE^{2}$   $3 = \frac{1}{3}$   $3 = \frac{1}{3}$ Host constant Explanation for Kerr effect was offered by Langeurn (1910). Molecule is aestrally amisstagic D= Eo L Foutre  $\overline{M} = \int_{\overline{D}} \overline{E}_{SKA,\gamma} = M \sim \overline{E}_{SLA,\gamma}$ If Estertin = 15 kV/am d = 5 am Nitrobernzene This will be the cell like Vernous tration