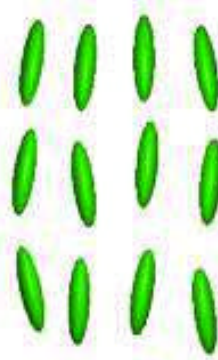
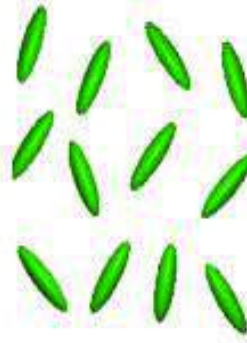


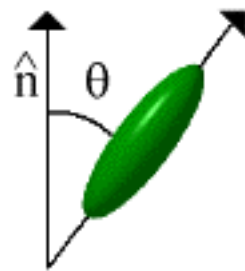
Solid



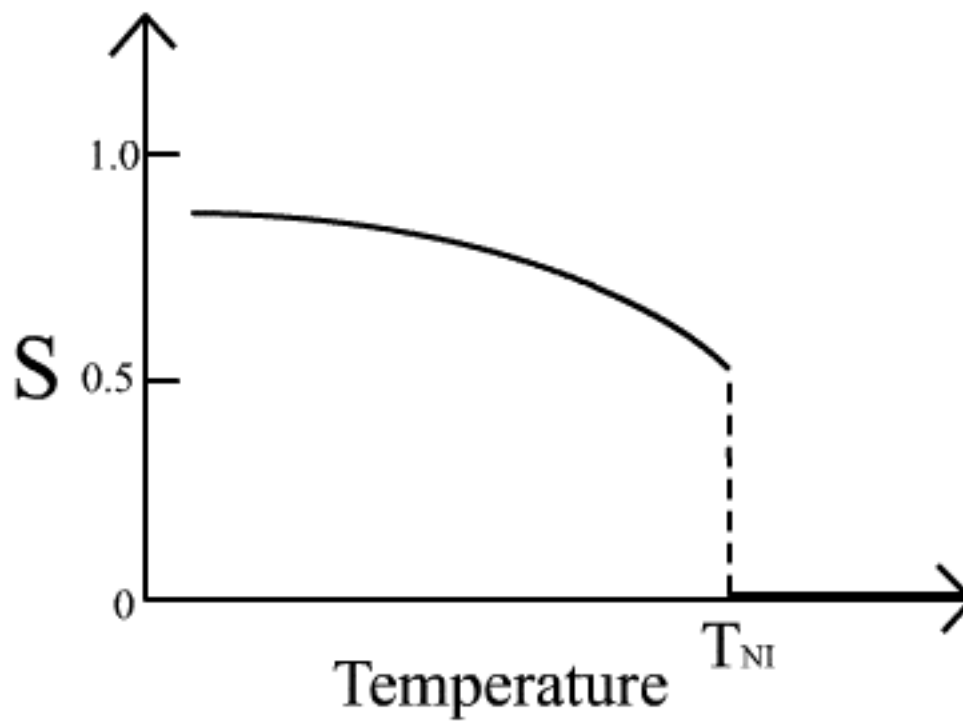
Liquid Crystal

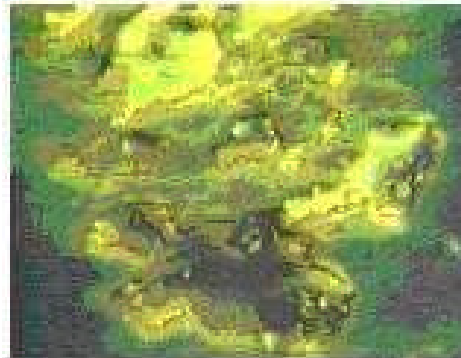
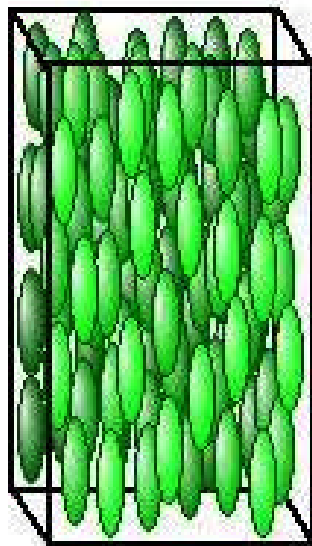


Liquid



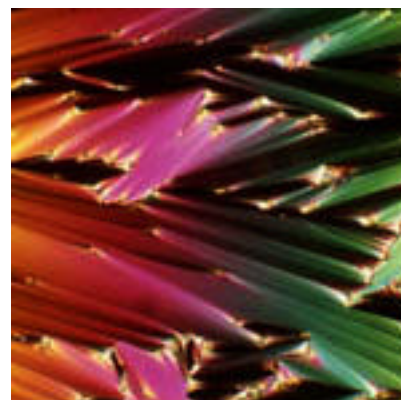
$$S = (1/2) \langle 3 \cos^2 \theta - 1 \rangle$$





A schematic representation of the nematic phase (left) and a photo of a nematic liquid crystal (above).

Photo courtesy Dr. Mary Neubert LCI-KSU



*Photo courtesy of
Dr. Mary Neubert LCI-KSU*

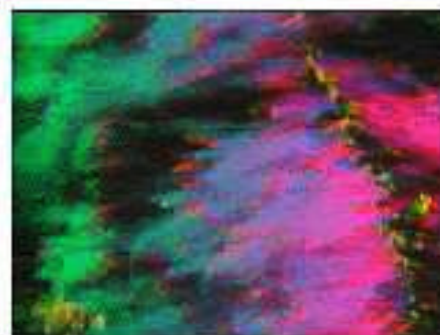


Photo courtesy Dr. Mary Neubert LCI-KSU

