

ON POSSIBLE MODELS OF THERMAL MOTION  
OF MOLECULES AND TEMPERATURE EFFECT  
ON RELAXATION OF OPTICAL ANISOTROPY  
IN BROMINE BENZENE

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S u m m a r y

The temperature curve of the contour shape of the depolarized part of molecular scattering of light has been measured in liquid bromine benzene. It has been shown that the regularities observed in the scattering can be interpreted with a mechanism of retarded rotation of liquid molecules with regard for the specificity of the intermolecular interaction in bromine benzene.