

INTERACTION
BETWEEN DROPLETS IN NEMATIC EMULSION
UNDER THE ACTION OF EXTERNAL FIELDS

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S u m m a r y

The results of investigations of the behavior of glycerol droplets in nematic emulsions under the action of external electric and magnetic fields are reported. The character of a pairwise interaction between two separate droplets on the liquid crystal (LC) surface and the mechanisms, through which the external fields affect this interaction, have been studied. The interaction intensity has been determined.