

THERMAL EXPANSION EFFECT ON HEAT
TRANSFER PROCESSES IN ORIENTATIONALLY
DISORDERED PHASES OF MOLECULAR
CRYSTALS

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S u m m a r y

The effect of thermal expansion on the processes of heat transfer in orientationally disordered phases of crystalline SF₆, CCl₄(Ib), and C₆H₆ has been studied. A modified version of the reduced coordinate method is used to separate the contributions of translational and translational-rotational interactions to the total thermal resistance of crystals.