

PECULIARITIES OF THE DISTRIBUTIONS
OF TEMPERATURE, THERMOEMF
AND VOLT-WATT SENSITIVITY
IN AN ANISOTROPIC OPTICAL
THERMOELEMENT

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S u m m a r y

The heterogeneous equation of thermal conductivity taking into consideration the Buger–Lambert law and optical properties of an anisotropic plate has been solved. The expressions of transverse thermopower and volt-watt sensitivity for various performance modes of an anisotropic optical thermoelement are deduced.