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RESEARCH OF THE DEFFECTS, ARRISING IN THE KAFMAN VORTEX STREET
IN THE TRACE BEHIND OF HEATED CYLINDER, BY THE REMOTE
ACOUSTICAL PROBING

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In work research of pulses of blackout (the defects arising in a Karman vortex street in a trace behind the heated up cylinder) by means of remote acoustic diagnostics and visualization of whirlwinds in the Karman vortex street is carried out. The method used by us has allowed to find out effectively these defects on asymmetric expanding of harmonics of an absent-minded sound. The lead visualization of a vortical trace at the specified parameters has allowed to confirm for the first time existence of these defects by a direct method. Occurrence of the defects described in this work, specifies that in a corresponding range of parameters of a vortical street there is the new type of the fashions connected, apparently, with rotation of environment stratified on density.