

suitable for measuring a slowly varying velocity of the air flow.

To our mind, the author's recommendations on measurement of turbulent flow velocities with the help of thermoresistors, his mathematical analysis of processes of measurement of turbulence and the proposed structural scheme of measurement of small velocity fluctuations are very valuable for a further study of turbulent flows.

The material of Chapter VII is original and devoted to measuring low pressures of gases with the help of thermoresistor circuits. Here the author analyses laws of heat transfer in rarefied gases, considers the experimental data presented and describes a semi-conductor thermoresistor vacuum gauge developed for measuring low pressures over a wide range from 1 atm to 10^{-3} mm Hg.

Chapter VIII is of independent interest in which the author considers the problems on measurement of thermal

conductivity of a gas and on control of concentration of components in gas mixtures.

The theoretical analysis of the possibilities of continuous measurement of concentration and thermal conductivity of gas mixtures is of great significance for development of measuring technological schemes.

Chapter IX deals with the application of thermoresistors in schemes of measuring thermophysical characteristics. The material presented in this chapter is of great importance in practice.

The monograph by A. G. Shashkov has made a great contribution to the development of the theory and practice of thermal measurements.

This monograph is useful because here complex properties of electric circuits with thermoresistors are analysed with regard for fundamental laws of heat transfer.

A. N. DEVOINO

ANNOUNCEMENT

FOURTH INTERNATIONAL HEAT TRANSFER CONFERENCE

THE FOURTH International Heat Transfer Conference will be held in Paris-Versailles from 31 August to 4 September, 1970. It is being organized by a joint French-German Committee with strong international support. About 350 papers have been selected out of 750 which had been offered. The adopted papers (4400 pages in eight volumes) will be mailed to all who have registered early for the Conference. The conference languages will be English, French and German, with simultaneous translation. As the number of participants is limited due to the local facilities, registrations should be made as soon as possible with

Congrès Services, 1, rue Jules-Lefebvre, 75-Paris IX, France

Preliminary Programs, listing all papers accepted, can be requested from Congrès Services.