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CONTINUOUS EMISSION SPECTRUM OF PLASMA OF ELECTRIC ARC DISCHARGE BETWEEN TUNGSTEN AND MOLYBDENUM ELECTRODES

The results of spectroscopic studies of plasma arc discharge between tungsten and molybdenum electrodes are presented. Atomic emission lines and continuous spectrum were observed during experiment. Continuous spectrum was assumed as result of heated macroscopic particles emission, so it can be modeled by Planck's law. The temperature of such particles was estimated in this way

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