

## KINETIC CHARACTERISTICS OF THE LUMINESCENCE OF INDUSTRIAL YAG PHOSPHORS

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This paper reports the quantitative luminescence decay kinetics characteristics of YAG phosphors powders after pulsed optical and electronic excitation. Two components found in the decay kinetics. Nanosecond decay component, about 60 ns, approximately the same for all investigated phosphors upon photoexcitation. Differences luminescence decay kinetics characteristics of the phosphors different prehistory are discussed.

**Keywords:** *phosphor, yttrium aluminum garnet, kinetic characteristics.*