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Skin-parameter of massive conductors and transients in electrical circuits of pulse power facilities

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For massive conductors in case of sharp skin-effect it is possible to define the skin-parameter, which does not depend on time and frequency and effects on transients in electrical circuits with massive conductors. In the paper the peculiarities of transients with massive conductors are described, the definition and justification of skin-parameter are presented, the methods of calculation and measurement are given, and the algorithms of calculation of transients in electrical circuits with massive conductors are offered.

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