

THE ADAPTIVE-MODULAR TECHNIQUE FOR PRE-PROJECT SIMULATION THE TRANSPORTATION CHANNELS OF THE RELATIVISTIC CHARGED-PARTICLE BEAMS

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Considered the numerical simulation technique which providing optimum beam parameters at the transport channel output of electron accelerator. The KATRAN channels design environment used for this purpose has a modular structure includes the basic beam focusing blocks. This allows enabling create and configure the optical system of the accelerator fast and efficiently if a given topology of the transport channel.

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