TO THE THEORY OF COAXIAL STATIONARY
EH-ACCELERATORS

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S u m m a r y

Quantitative and qualitative analysis of coaxial stationary electron *EH*-accelerators is carried out. It has been shown that systems of this type can be regarded as promising compact sources of relativistic electron beams with energies of tens of megaelectronvolts. Basing on the results of the accomplished analysis, a variant of design for the experimental realization of a coaxial EH accelerator is suggested.