

Insertion Devices R&D at KSRS,
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Current and future plans for wigglers and undulators for the
Kurchatov Synchrotron Storage Ring are summarized.
Design parameters and performance features of
electromagnetic IDs are presented. One of the devices
considered can provide suppression of on-axis total power
due to a combination of fundamental and third magnetic
field harmonics. The key parameters measured as well as
the results of 3D magnetostatic and radiation fields
computations for such devices are discussed.