

**Construction and Testing of an Electromagnetic Elliptical Wiggler for ELETTRA\***, R. BRACCO, D. BULFONE, B. DIVIACCO, P. MICHELINI, N. PANGOS, M. VENTO, R. VISINTINI, R.P. WALKER, and D. ZANGRANDO, Sincrotrone Trieste - A novel electromagnetic elliptical wiggler has recently been installed in ELETTRA in order to provide radiation with both linear and elliptical polarization, with the possibility of switching the helicity at up to 100 Hz. After summarizing the main features of the design and construction of the device, we concentrate on the electrical and magnetic test results under both static and dynamic conditions.

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