

**Magnetic Field Measurement of an APPLE-2 Type Variable Polarizing Undulator,** T. BIZEN, Y. HIRAMATSU, Y. MIYAHARA, T. SHIMADA, SPRING-8; K. KAKUNO, H. KOBAYASHI, K. OHASHI, SHINETSU - The magnetic field measurement has been made for an APPLE-2 type variable polarizing undulator for the JAERI Beamline before installation in the SPring-8 storage ring. The effect of phase motion on the field integral, and some other important results is presented. The effect of phase motion on the electron beam in the storage ring is also discussed.