

Driving Mechanism of an APPLE-2 Type Variable Polarizing Undulator for the Gap and Phase Variation, T. BIZEN, Y. HIRAMATSU, Y. MIYAHARA, T. SHIMADA, SPRING-8 - The gap and the phase motion mechanisms of an APPLE-2 type variable polarizing undulator for the SPring-8 are presented. The phase motion is achieved in the frequency up to 0.5 Hz for switching the polarity of circular polarization. Various types of phase motion procedures are possible in order to meet the various users' experiments.