

Accelerators



Installation of a New OFHC Copper Duct into the PF-AR Magnet

ACCELERATORS

1. Machine Operation	83
2. Research and Developments at the PF Storage Ring	87
2-1. Photon Beam Position Monitor System in the Frontends	
2-2. Beam-Based Alignment of the Beam-Position Monitors	
2-3. Longitudinal Bunch Oscillations Induced by RF Phase Modulation	
2-4. Measurement of Third-Order Resonance Islands	
2-5. Ion-Related Vertical Instability	
2-6. Radiation Experiments at BL-21	
2-7. Bunch-Length Measurement by Second-Order Autocorrelation	
3. PF-AR Upgrading Project	100
3-1. Outline of the Project	
3-2. Magnet System	
3-3. RF System	
3-4. Vacuum System	
3-5. Monitor System	
3-6. Control System	
3-7. Insertion Devices	
4. Specifications of the Accelerators	105