

Possibility of Resonant Excitation of the JHF 3 GeV Synchrotron Magnets using Multi-Network, T. ADACHI, Y. MORI, H. SOMEYA, KEK; Y. KANAI, Tohoku University - In order to investigate possibility of resonant excitation of the JHF 3-GeV synchrotron magnets using multi-network, two model networks were constructed. A model network comprises a dummy magnet, a resonant capacitor and a pulse power supply. It is a main subject to synchronize two resonant circuits that are oscillating individually. This paper describes experimental results.