

The Correlation Plot and Phenomena Analysis from Archived Data, K.T. HSU, C.C. KUO, G. LIN, G.H. LUO, SRRC; I. HSU, National Tsing-Hua University, Hsinchu, Taiwan, ROC - In order to analysis the operation status during the users' machine time, a historical data analysis program can help the machine physicists and engineers to identify potential problems, find the solutions to abnormal operation status, or trace the inappropriate operation procedure of the storage ring. A workstation and PC based programs have been established to plot out the key signals. Simple algebra operation can also be performed during the analysis process. Some typical situation will be given to illustrate the performance of the ring and the functioning of the analysis program.