

Parameter Dependency of Luminosity on KEKB
K. OHMI, K. HIRATA, N. TOGE, KEK - We discuss a relation between luminosity and linear lattice parameters. The beam size and/or envelope are determined by the linear lattice parameters. However many parameter sets which give the same beam size_@ exist. The parameters may couple with the nonlinearity of beam-beam interactions. We investigate the parameters dependency of the luminosity by computer simulation.