

Luminosity and Integrated Luminosity Upgrade Possibilities for the PEP-II B-Factory*, J.T. SEEMAN, SLAC - The possibilities for increasing the luminosity and integrated luminosity in the PEP-II B-Factory are discussed including increasing the beam-beam tune shift limits, increasing the beam currents, lowering the vertical beta at the IP, increasing the number of bunches, relaxing the energy transparency conditions, and optimizing the emittances during a beam fill to keep the beams at maximum tune shift. Examples are given including the present PEP-II constraints.

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