

**Correction of Vertical Dispersion and Betatron
Coupling for SOLEIL Storage Ring,**
A. LOULERGUE, J. PAYET, CEA (France);
J.L. LACLARE, M.P. LEVEL, A. NADJI,
P. NGHIEM, SOLEIL (France) - We study the
effectiveness of various correction strategies which
minimize different combinations of concerned quantities like
vertical dispersion, coupling resonance excitation
amplitude, closed orbit, cross-talk closed orbit. The
objective is to calculate statistically the resulting vertical
beam size and to determine the strengths as well as the
locations of dipolar correctors and skew quadrupoles.