

RCDS

$$\Delta S_{\text{free}}$$

free sext.
families

$$\Delta \xi = \tilde{J}_{\xi} \Delta S_{\text{free}}$$

compensation
families

$$\Delta S_{\text{free}}$$

$$\Delta S_{\text{comp.}} = -J_{\xi}^{\prime+} \Delta \xi$$

$$\Delta S = \Delta S_{\text{free}} + \Delta S_{\text{comp.}}$$

storage ring
sextupoles