

Sextupole Magnets for DIAMOND, J.A. CLARKE and N. MARKS, CLRC Daresbury Laboratory, Warrington WA4 4AD, UK - A preliminary design of a sextupole magnet for the storage ring of the proposed 3 GeV U.K synchrotron light source, DIAMOND has been developed. This includes independently controllable vertical and horizontal dipole correction fields in addition to the main sextupole component. The paper will give details of the solution chosen for the inclusion of the steering fields, together with the predictions of the field quality of the different components.