Simulations of the MAX-II Storage Ring Using the Computer Code, DIMAD[*], <u>G. LEBLANC</u>, MAX-LAB - The magnetic elements of the MAX-II ring have been measured carefully prior to installation enabling a very precise model to be constructed using the computer code DIMAD. Simulations of the machine have been helpful during the commissioning procedure and have aided in discovering magnet misalignments and evaluation of the beam position monitors. The simulations are compared to the measurements made on the storage ring and the correlation is evaluated.

*   R.V. Servranckx Users Guide to the Program DIMAD. Design note TRI-DN-93-K233, July 1993.