

A computer program for finding the displacement coefficients, constraint pressure, cavity pressure, and wafer axial deflection from the boundary condition equations has been written, and is shown in Appendix I. Since this program overflows the memory storage of the IBM 1620 digital computer, no actual results have been tabulated at this time. The hopes of obtaining the required design criteria for an ultra high-pressure system, and the analogy existing between the solid and hollow wafer analysis, provided the stimulus to carry the problem to this stage of completion. A further discussion of the hollow wafer computer program is presented in the section Future Work.