ABSTRACT

RESULT DETERMINATION OF MULTIDIMENSIONAL INTEGRAL USING MONTE CARLO METHOD

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The designing and building of result determination of multidimensional integral application has been done with Waterfall method. This Final project will describe the processes that had been done in the system building. Data source were found by doing literature and field study like analyzing and designing the system. The data source being implemented in the system designing with Microsoft Visual Basic 6.0. The system testing was done in two steps, Alpha and betha testing.

The final result of the designing and building of this multidimensional integral application, can be concluded, this application is helping enough to find the result of multidimensional integral.

Keyword : Monte Carlo, multidimensional integral, integral