Progress Report

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Grid generating algorithm in C++ and its plot on gnuplot

An algorithm was coded in C++ for generating a square grid of (x, y) coordinates with 100 divisions between 0 and 1. The C++ program generated a *.dat* file with coordinates in column format, separated by spaces and line-breaks. The *.dat* file was used to plot a grid in gnuplot using script in a *.gnu* file format.
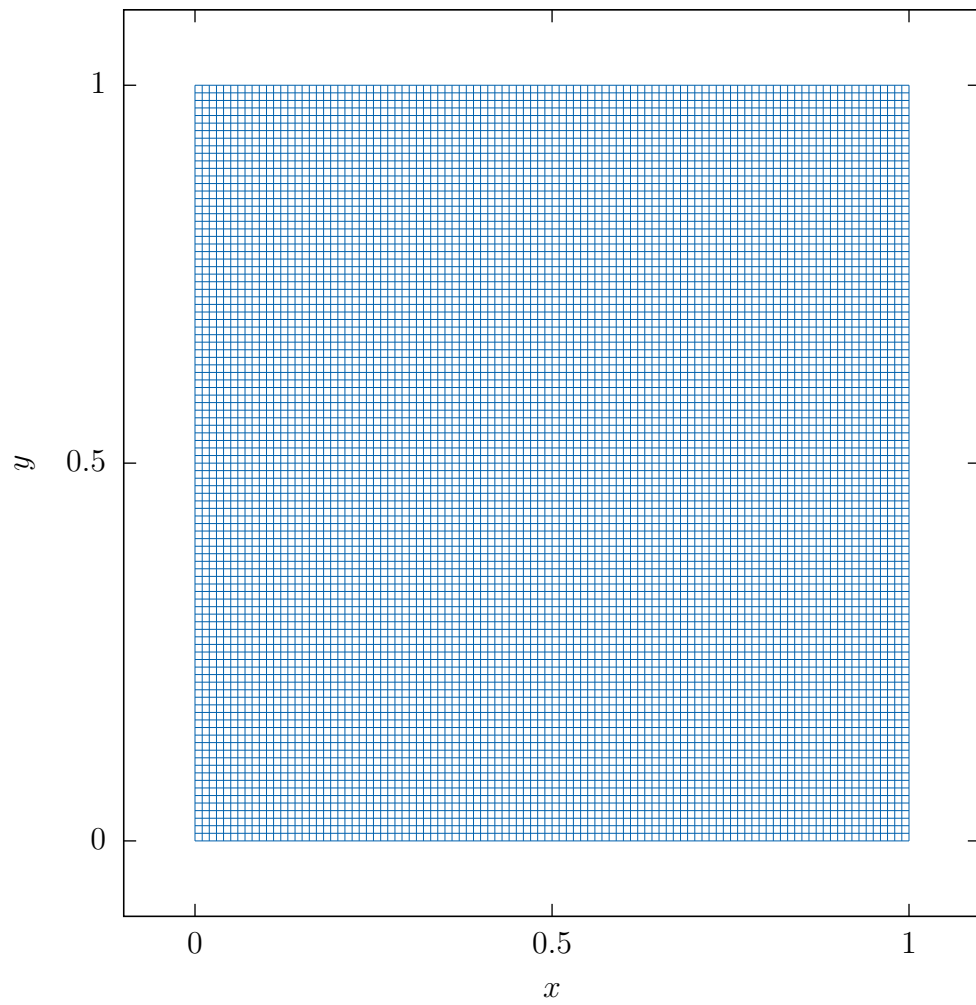
The results are shown in the figure below.

Figure 1: The grid generated using C++ algorithm, plotted in gnuplot, exported to *.eps* file format