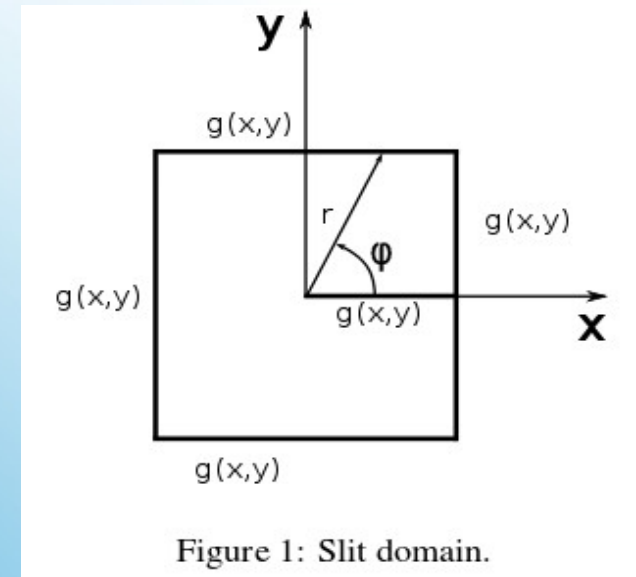


Extension of Multigrid Algorithm

Accuracy (L2 norm of error)	9.17238e-05
Wall Clock Time	0.38 s



Algorithm Features

- Full Multigrid
 - However, 4 full FMG cycles are required for convergence
 - Properties:
 - $(v1, v2) = (3,2)$
 - If $(v1, v2) = (2,1)$, more FMG cycles are required
 - $\gamma = 1$
 - $\gamma = 2$ was tried, however, the time was longer, while the number of FMG cycles stay the same

- Symmetrical boundary conditions

1.09868	1	0.899454	0.800243	0.707107	0.624811	0.555893	0.5	0.45509
1.06066	0	0	0	0	0	0	0	0.353553
1.02909	0	0	0	0	0	0	0	0.242934
1.00766	0	0	0	0	0	0	0	0.124049
1	0	0	0	0	0	0	0	0
1.00766	0	0	0	0	0	0	0	0.124049
1.02909	0	0	0	0	0	0	0	0.242934
1.06066	0	0	0	0	0	0	0	0.353553
1.09868	1	0.899454	0.800243	0.707107	0.624811	0.555893	0.5	0.45509

- OpenMP