Contents - Largest n such that we didn't run out of memory

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  Solving the Convection-Diffusion equation with
     beta = -0.0097, gamma = -0.0195 and n = 512
=====================================================


  Time using backslash = 1.9885
  solution norm = 6.3614e-06
```

Jacobi

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                 |     Jacobi     |
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  Residual after error 2000 interations = 6.6688e-02
  Time to run Jacobi = 13.1997
```

BLKJacobi

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                 |   BLK Jacobi   |
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  Residual after error 2000 interations = 6.3282e-02
  Time to run Jacobi = 28.6637
```

GS

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                 |  Gauss-Siedel  |
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  Residual after error 2000 interations = 6.3550e-02
  Time to run GS = 19.1120
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|      SOR       |
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Omega = 1.9
Residual after error 2000 interations = 1.4998e-02
Time to run SOR = 20.8581


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|     GMRES      |
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Residual error after 1368 interations = 7.2598e-08
Time to run CG = 4438.9891
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PGMRES

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|    PGMRES      |
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Residual error after  417 interations = 1.2454e-07
Time to run CG = 447.9855
```