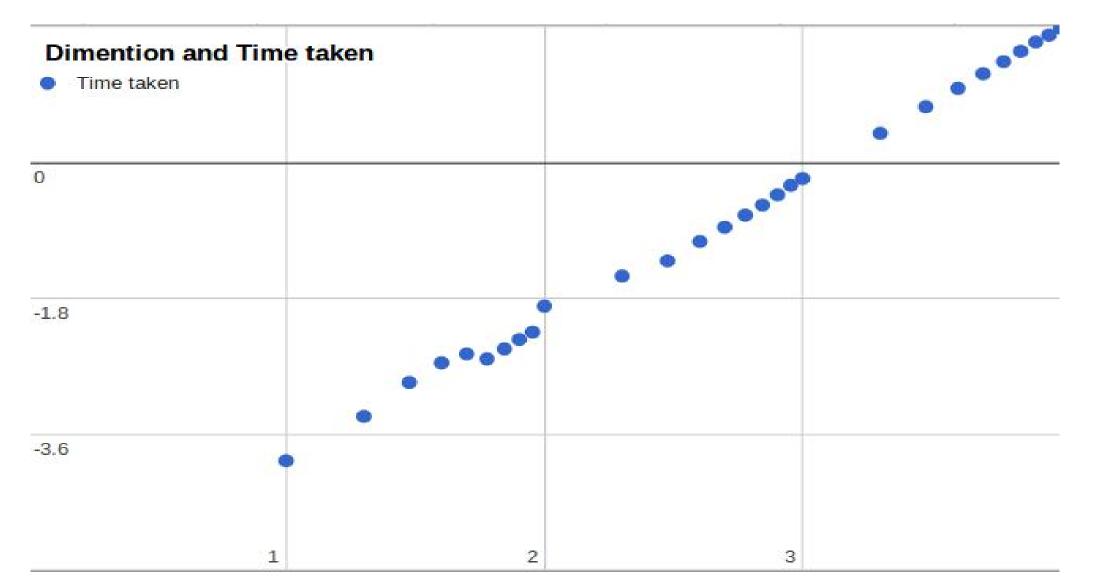


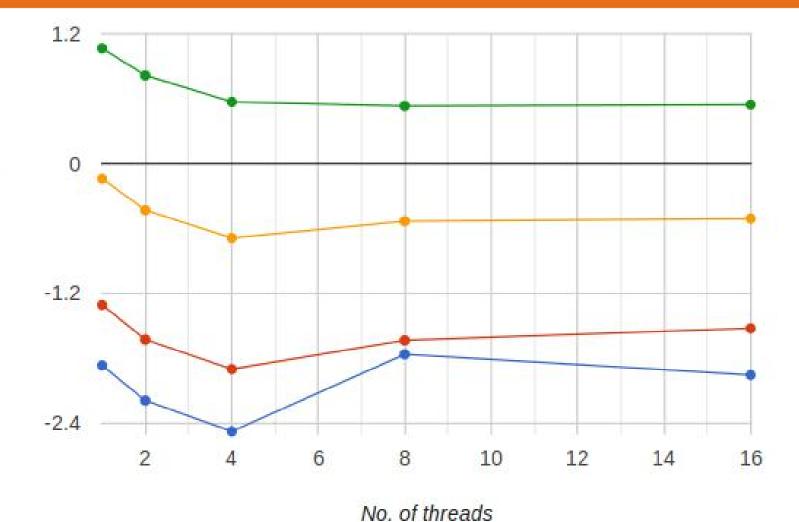
Serial code by Dr. S. Brown

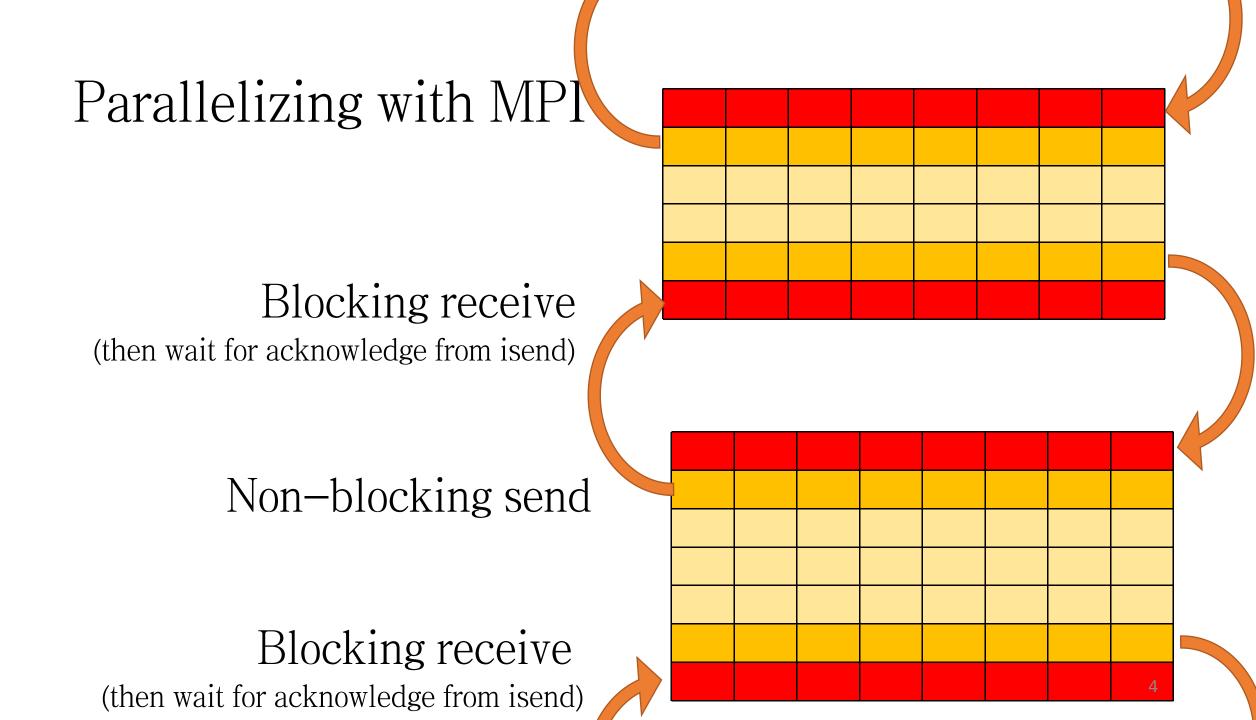


2

Serial code with Open MP

In a given iteration, cell calculation are parallelazied with threads





MPI & OMP with PSC

Best timing

- Threads 16
- Processes 4
- Matrix width 16000
- Iterations 1000
- Time taken to execute 97.5 s
- Conclusion:

MPI & OMP with PSC

Best timing

- Threads 16
- Processes 4
- Matrix width 16000
- Iterations 1000
- Time taken to execute 97.5 s
- Conclusion:



Thigs that you think they are easy they are difficult and things that you think difficult, they are also difficult –William–

Thank you for your attention Grazie ! Gracias ! ස්තුතියි !धन्यवाद ! 謝謝

hiran@phys.cmb.ac.lk