

COURSE NAME
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COURSE NAME
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$$\max_{j \in [0..n]} \{ \max J(j) \} \quad (1)$$

$$\max J(j) = \max \begin{cases} CC(j) + RR(n - j) \\ DD(j) + SS(n - j) - G_{open} \end{cases} \quad (2)$$

4 Results

| Comparison | Stages | | | | | Total |
|---------------|--------|------|------|------|------|-------|
| | 1 | 2 | 3 | 4 | 5+6 | |
| 162K×172K | 1.5 | <0.1 | <0.1 | <0.1 | <0.1 | 1.8 |
| 543K×536K | 13.6 | <0.1 | <0.1 | <0.1 | <0.1 | 13.9 |
| 1044K×1073K | 51.6 | 3.1 | 1.0 | 5.4 | 0.1 | 61.6 |
| 3147K×3283K | 448 | 0.1 | <0.1 | 0.3 | <0.1 | 449 |
| 5227K×5229K | 1185 | 65.9 | 20.3 | 47.6 | 1.9 | 1321 |
| 7146K×5227K | 1604 | <0.1 | <0.1 | <0.1 | <0.1 | 1605 |
| 23012K×24544K | 23750 | 0.3 | <0.1 | 0.7 | <0.1 | 23755 |
| 32799K×46944K | 65153 | 805 | 236 | 376 | 9 | 66579 |

Figure 1: The Speed up results of the algorithm[?]

5 Discussion