|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sin usar memoria compartida | Tiempo de ejecución (us) | | |  |  |
| Tamaño de la matriz | CPU -> GPU | GPU -> CPU | Ejecución kernel | Ratio comparado con 128x128 | GFlops |
| 16x16 | 3.23 | 1.72 | 3.24 | 0.009 | 1.24 |
| 32x32 | 3.77 | 1.82 | 8.47 | 0.05 | 7.11 |
| 64x64 | 6,33 | 2.52 | 15,31 | 0.23 | 32.49 |
| 128x128 | 17.76 | 6.59 | 29.22 | 1 | 139.77 |
| 512x512 | 180.9 | 80.70 | 532.12 | 3.6 | 503.81 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Usando memoria compartida | Tiempo de ejecución (ms) | | |  |  |
| Tamaño de la matriz | CPU -> GPU | GPU -> CPU | Ejecución kernel | Ratio comparado con 128x128 | GFlops |
| 16x16 |  |  |  |  |  |
| 32x32 |  |  |  |  |  |
| 64x64 |  |  |  |  |  |
| 128x128 |  |  |  | 1 |  |
| 512x512 |  |  |  |  |  |