*Розрахунки*:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Serial** | | | | | | | |
| **розмірність** | **1 потік, час**  **(мс)** | **2 потоки** | | | **4 потоки** | | |
| час | Sp | Ep | час | Sp | Ep |
| 100 |  |  |  |  |  |  |  |
| 1000 |  |  |  |  |  |  |  |
| 5000 |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Block-Striped Decomposition** | | | | | | | |
| **розмірність** | **1 потік, час (мс)** | **2 потоки** | | | **4 потоки** | | |
| час | Sp | Ep | час | Sp | Ep |
| 100 |  |  |  |  |  |  |  |
| 1000 |  |  |  |  |  |  |  |
| 5000 |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fox’s method** | | | | | | | |
| **розмірність** | **1 потік, час**  **(мс)** | **2 потоки** | | | **4 потоки** | | |
| час | Sp | Ep | час | Sp | Ep |
| 100 |  |  |  |  |  |  |  |
| 1000 |  |  |  |  |  |  |  |
| 5000 |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Cannon’s method** | | | | | | | |
| **розмірність** | **1 потік, час**  **(мс)** | **2 потоки** | | | **4 потоки** | | |
| час | Sp | Ep | час | Sp | Ep |
| 100 |  |  |  |  |  |  |  |
| 1000 |  |  |  |  |  |  |  |
| 5000 |  |  |  |  |  |  |  |

Sp = (1 потік, час) / (n потоків, час) – показник прискорення.

Ep = Sp / n - показник ефективності.