

| parameters | time  | std  | ratio |
|------------|-------|------|-------|
| l          | 0.50  | 0.02 |       |
| 2l         | 1.04  | 0.03 | 2.10  |
| 4l         | 2.19  | 0.09 | 2.10  |
| 8l         | 4.52  | 0.02 | 2.07  |
| n          | 0.50  | 0.02 |       |
| 2n         | 1.18  | 0.03 | 2.38  |
| 4n         | 2.61  | 0.06 | 2.21  |
| 8n         | 5.93  | 0.11 | 2.27  |
| n, l       | 0.50  | 0.02 |       |
| 2n, 2l     | 2.48  | 0.12 | 4.97  |
| 4n, 4l     | 10.74 | 0.20 | 4.34  |
| 8n, 8l     | 48.17 | 0.93 | 4.49  |

$$l = 100, n = 100$$

Formula:  $A(x, y) \ R_{[0, b)} \ B(x, y)$

Pattern: Always