

| parameters | time  | std  | ratio |
|------------|-------|------|-------|
| l          | 0.16  | 0.00 |       |
| 2l         | 0.32  | 0.01 | 2.05  |
| 4l         | 0.67  | 0.01 | 2.07  |
| 8l         | 1.61  | 0.06 | 2.40  |
| n          | 0.16  | 0.00 |       |
| 2n         | 0.39  | 0.01 | 2.45  |
| 4n         | 0.85  | 0.02 | 2.21  |
| 8n         | 1.91  | 0.07 | 2.24  |
| n, l       | 0.16  | 0.00 |       |
| 2n, 2l     | 0.82  | 0.02 | 5.20  |
| 4n, 4l     | 3.51  | 0.11 | 4.28  |
| 8n, 8l     | 16.16 | 0.18 | 4.61  |

$$l = 100, n = 100$$

Formula:  $\neg A(x, y) \ T_{[0, \infty)} \ B(x, y)$

Pattern: Since