

| parameters | time meval | std | ratio | time mtaux | std mtaux | ratio |
|------------|------------|------|-------|------------|-----------|-------|
| l | 0.08 | 0.00 | | 0.03 | 0.00 | |
| $2l$ | 0.18 | 0.00 | 2.22 | 0.06 | 0.00 | 2.31 |
| $4l$ | 0.37 | 0.01 | 2.00 | 0.12 | 0.00 | 1.96 |
| $8l$ | 0.79 | 0.01 | 2.16 | 0.28 | 0.00 | 2.22 |
| n | 0.08 | 0.00 | | 0.03 | 0.00 | |
| $2n$ | 0.19 | 0.00 | 2.28 | 0.05 | 0.00 | 1.87 |
| $4n$ | 0.37 | 0.00 | 1.94 | 0.11 | 0.00 | 2.22 |
| $8n$ | 0.79 | 0.01 | 2.15 | 0.29 | 0.01 | 2.53 |
| n, l | 0.08 | 0.00 | | 0.03 | 0.00 | |
| $2n, 2l$ | 0.40 | 0.00 | 4.85 | 0.11 | 0.00 | 3.85 |
| $4n, 4l$ | 1.57 | 0.01 | 3.91 | 0.51 | 0.01 | 4.83 |
| $8n, 8l$ | 6.41 | 0.10 | 4.08 | 2.42 | 0.07 | 4.75 |

$$l = 100, n = 100$$

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

Pattern: Since