

| $n$ | $x_n$ | $\tilde{y}_n$ | $y_n$  |
|-----|-------|---------------|--------|
| 0   | 0     | 1             | 1      |
| 1   | 0.2   | 1             | 0.9921 |
| 2   | 0.4   | 0.9779        | 0.9569 |
| 3   | 0.6   | 0.9049        | 0.8766 |
| 4   | 0.8   | 0.7736        | 0.7490 |
| 5   | 1     | 0.5934        | 0.5702 |

| $n$ | $X_n$ | $Y_n$  |  |
|-----|-------|--------|--|
| 0   | 0     | 1      |  |
| 1   | 0.2   | 0.9921 |  |
| 2   | 0.4   | 0.9569 |  |
| 3   | 0.6   | 0.8571 |  |
| 4   | 0.8   | 0.7309 |  |
| 5   | 1     | 0.5498 |  |