r= 4.00%

| k | P/F | F/P | P/A | A/P | F/A | A/F | P/G | F/G | A/G |
|-----|--------|---------|---------|--------|-----------|--------|----------|------------|---------|
| 1 | 0.9615 | 1.0400 | 0.9615 | 1.0400 | 1.0000 | 1.0000 | 0.0000 | 0.0000 | 0.0000 |
| 2 | 0.9246 | 1.0816 | 1.8861 | 0.5302 | 2.0400 | 0.4902 | 0.9246 | 1.0000 | 0.4902 |
| 3 | 0.8890 | 1.1249 | 2.7751 | 0.3603 | 3.1216 | 0.3203 | 2.7025 | 3.0400 | 0.9739 |
| 4 | 0.8548 | 1.1699 | 3.6299 | 0.2755 | 4.2465 | 0.2355 | 5.2670 | 6.1616 | 1.4510 |
| 5 | 0.8219 | 1.2167 | 4.4518 | 0.2246 | 5.4163 | 0.1846 | 8.5547 | 10.4081 | 1.9216 |
| 6 | 0.7903 | 1.2653 | 5.2421 | 0.1908 | 6.6330 | 0.1508 | 12.5062 | 15.8244 | 2.3857 |
| 7 | 0.7599 | 1.3159 | 6.0021 | 0.1666 | 7.8983 | 0.1266 | 17.0657 | 22.4574 | 2.8433 |
| 8 | 0.7307 | 1.3686 | 6.7327 | 0.1485 | 9.2142 | 0.1085 | 22.1806 | 30.3557 | 3.2944 |
| 9 | 0.7026 | 1.4233 | 7.4353 | 0.1345 | 10.5828 | 0.0945 | 27.8013 | 39.5699 | 3.7391 |
| 10 | 0.6756 | 1.4802 | 8.1109 | 0.1233 | 12.0061 | 0.0833 | 33.8814 | 50.1527 | 4.1773 |
| 15 | 0.5553 | 1.8009 | 11.1184 | 0.0899 | 20.0236 | 0.0499 | 69.7355 | 125.5897 | 6.2721 |
| 20 | 0.4564 | 2.1911 | 13.5903 | 0.0736 | 29.7781 | 0.0336 | 111.5647 | 244.4520 | 8.2091 |
| 25 | 0.3751 | 2.6658 | 15.6221 | 0.0640 | 41.6459 | 0.0240 | 156.1040 | 416.1477 | 9.9925 |
| 30 | 0.3083 | 3.2434 | 17.2920 | 0.0578 | 56.0849 | 0.0178 | 201.0618 | 652.1234 | 11.6274 |
| 40 | 0.2083 | 4.8010 | 19.7928 | 0.0505 | 95.0255 | 0.0105 | 286.5303 | 1375.6379 | 14.4765 |
| 50 | 0.1407 | 7.1067 | 21.4822 | 0.0466 | 152.6671 | 0.0066 | 361.1638 | 2566.6771 | 16.8122 |
| 60 | 0.0951 | 10.5196 | 22.6235 | 0.0442 | 237.9907 | 0.0042 | 422.9966 | 4449.7671 | 18.6972 |
| 70 | 0.0642 | 15.5716 | 23.3945 | 0.0427 | 364.2905 | 0.0027 | 472.4789 | 7357.2615 | 20.1961 |
| 80 | 0.0434 | 23.0498 | 23.9154 | 0.0418 | 551.2450 | 0.0018 | 511.1161 | 11781.1244 | 21.3718 |
| 90 | 0.0293 | 34.1193 | 24.2673 | 0.0412 | 827.9833 | 0.0012 | 540.7369 | 18449.5833 | 22.2826 |
| 100 | 0.0198 | 50.5049 | 24.5050 | 0.0408 | 1237.6237 | 0.0008 | 563.1249 | 28440.5926 | 22.9800 |

| r= | 5.0 | 0% |
|----|-----|----|
| | | |

| 1= | 5.00% | | | | | | | | |
|-----|--------|----------|---------|--------|-----------|--------|----------|------------|---------|
| k | P/F | F/P | P/A | A/P | F/A | A/F | P/G | F/G | A/G |
| 1 | 0.9524 | 1.0500 | 0.9524 | 1.0500 | 1.0000 | 1.0000 | 0.0000 | 0.0000 | 0.0000 |
| 2 | 0.9070 | 1.1025 | 1.8594 | 0.5378 | 2.0500 | 0.4878 | 0.9070 | 1.0000 | 0.4878 |
| 3 | 0.8638 | 1.1576 | 2.7232 | 0.3672 | 3.1525 | 0.3172 | 2.6347 | 3.0500 | 0.9675 |
| 4 | 0.8227 | 1.2155 | 3.5460 | 0.2820 | 4.3101 | 0.2320 | 5.1028 | 6.2025 | 1.4391 |
| 5 | 0.7835 | 1.2763 | 4.3295 | 0.2310 | 5.5256 | 0.1810 | 8.2369 | 10.5126 | 1.9025 |
| 6 | 0.7462 | 1.3401 | 5.0757 | 0.1970 | 6.8019 | 0.1470 | 11.9680 | 16.0383 | 2.3579 |
| 7 | 0.7107 | 1.4071 | 5.7864 | 0.1728 | 8.1420 | 0.1228 | 16.2321 | 22.8402 | 2.8052 |
| 8 | 0.6768 | 1.4775 | 6.4632 | 0.1547 | 9.5491 | 0.1047 | 20.9700 | 30.9822 | 3.2445 |
| 9 | 0.6446 | 1.5513 | 7.1078 | 0.1407 | 11.0266 | 0.0907 | 26.1268 | 40.5313 | 3.6758 |
| 10 | 0.6139 | 1.6289 | 7.7217 | 0.1295 | 12.5779 | 0.0795 | 31.6520 | 51.5579 | 4.0991 |
| 15 | 0.4810 | 2.0789 | 10.3797 | 0.0963 | 21.5786 | 0.0463 | 63.2880 | 131.5713 | 6.0973 |
| 20 | 0.3769 | 2.6533 | 12.4622 | 0.0802 | 33.0660 | 0.0302 | 98.4884 | 261.3191 | 7.9030 |
| 25 | 0.2953 | 3.3864 | 14.0939 | 0.0710 | 47.7271 | 0.0210 | 134.2275 | 454.5420 | 9.5238 |
| 30 | 0.2314 | 4.3219 | 15.3725 | 0.0651 | 66.4388 | 0.0151 | 168.6226 | 728.7770 | 10.9691 |
| 40 | 0.1420 | 7.0400 | 17.1591 | 0.0583 | 120.7998 | 0.0083 | 229.5452 | 1615.9955 | 13.3775 |
| 50 | 0.0872 | 11.4674 | 18.2559 | 0.0548 | 209.3480 | 0.0048 | 277.9148 | 3186.9599 | 15.2233 |
| 60 | 0.0535 | 18.6792 | 18.9293 | 0.0528 | 353.5837 | 0.0028 | 314.3432 | 5871.6744 | 16.6062 |
| 70 | 0.0329 | 30.4264 | 19.3427 | 0.0517 | 588.5285 | 0.0017 | 340.8409 | 10370.5702 | 17.6212 |
| 80 | 0.0202 | 49.5614 | 19.5965 | 0.0510 | 971.2288 | 0.0010 | 359.6460 | 17824.5764 | 18.3526 |
| 90 | 0.0124 | 80.7304 | 19.7523 | 0.0506 | 1594.6073 | 0.0006 | 372.7488 | 30092.1460 | 18.8712 |
| 100 | 0.0076 | 131.5013 | 19.8479 | 0.0504 | 2610.0252 | 0.0004 | 381.7492 | 50200.5031 | 19.2337 |

