

iteration (n)

|   | t <sub>n</sub> | t <sub>n+1</sub> | f(n)         |
|---|----------------|------------------|--------------|
| 0 | 3.2            | 3.8              | -6.725591522 |
| 1 | 3.8            | 3.406369685      | 12.82841858  |
| 2 | 3.406369685    | 3.565491201      | -8.704481116 |
| 3 | 3.565491201    | 3.53938828       | 1.708125013  |
| 4 | 3.53938828     | 3.544837003      | -4.51E-01    |
| 5 | 3.544837003    | 3.544906865      | -5.80E-03    |
| 6 | 3.544906865    | 3.544907692      | -6.87E-05    |
| 7 | 3.544907692    | 3.544907702      | -8.12E-07    |
|   | 3.544907702    |                  | -9.60908E-09 |

| eps_n       |
|-------------|
| 0.1875      |
| 0.103586925 |
| 0.046712932 |
| 0.007320989 |
| 0.001539453 |
| 1.97E-05    |
| 2.33E-07    |
| 2.76E-09    |
|             |

| Initial interval |
|------------------|
| 3.2-3.8          |