		$\lambda = 5.53e + 00$ $\frac{4.09}{10^4} \times 10^4$	$\lambda = 3.01e + 00$	$\lambda = 1.64e + 00$	$\lambda = 8.97e-01$	$\lambda = 4.90e-01$	$\lambda = 2.67e-01$	$\lambda = 1.46e-01$	$\lambda = 7.95 e-02$	$\lambda = 4.34 e-02$	$\lambda = 2.37e-02$	$\lambda = 1.29e-02$	$\lambda = 7.04e-03$	$\lambda = 3.84e-03$	$\lambda = 2.10e-03$	$\lambda = 1.14 e-03$	$\lambda = 6.24 e-04$	$\lambda = 3.40e-04$	$\lambda = 1.86$ e-04	$\lambda = 1.01 e-04$	$\lambda = 5.53e-05$
	$4.1922 \times 10^{4}$ $4.19219 \times 10^{4}$ $4.19218 \times 10^{4}$ $4.19217 \times 10^{4}$ $4.19216 \times 10^{4}$ $4.19215 \times 10^{4}$ $4.19214 \times 10^{4}$	$4.08 \times 10^{4} - 4.07 \times 10^{4} - 4.06 \times 10^{4} - 4.05 \times 10^{4$	$3.46 \times 10^{4}$ $3.44 \times 10^{4}$ $3.42 \times 10^{4}$ $3.4 \times 10^{4}$ $3.4 \times 10^{4}$ $3.38 \times 10^{4}$ $3.36 \times 10^{4}$	$2.51 \times 10^{4}$ $2.5 \times 10^{4}$ $2.49 \times 10^{4}$ $2.48 \times 10^{4}$ $2.47 \times 10^{4}$ $2.46 \times 10^{4}$	$1.705 \times 10^{\circ}$ $1.7 \times 10^{\circ}$ $1.695 \times 10^{\circ}$ $1.69 \times 10^{\circ}$ $1.685 \times 10^{\circ}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$8.41 \times 10^{3}$ $8.405 \times 10^{3}$ $8.4 \times 10^{3}$ $8.395 \times 10^{3}$ $8.39 \times 10^{3}$	6.558 > 6.556 > 6.554 > 6.552 > 6.555 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.554 > 6.5548	5.5 5.5 5.5 5.5 5.5 5.5 6.10 <sup>3</sup> 6.10 <sup>3</sup> 6.10 <sup>3</sup>	$5185 \times 10^{3}$ $5.518 \times 10^{3}$ $5.517 \times 10^{3}$ $5.516 \times 10^{3}$ $5.516 \times 10^{3}$ $5.515 \times 10^{3}$ $5.515 \times 10^{3}$ $5.515 \times 10^{3}$		10 <sup>4</sup> -	100 -	.00 - 101		100 -	100 -	100 -	100 -	100 -	100 -
	4.19214 × 10 · 1 <u> </u>	20 40 60 80 100 0 $\lambda = 5.53e + 00$		$20   40   60$ $\lambda = 1.64e + 00$	$\lambda = 8.97e-01$	0.0 2.5 5.0 7.5 10.0 12.5 $\lambda = 4.90e-01$	$0$ 1 2 3 $\lambda = 2.67e-01$	$0.0$ $0.5$ $1.0$ $1.5$ $2.0$ $\lambda = 1.46e-01$	0.0 0.5 1.0 1.5 $\lambda = 7.95e-02$	2.0 0.0 0.2 0.4 0.6 0.8 1.0 $\lambda = 4.34e-02$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 2.37e-02$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.29e-02$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 7.04e-03$		$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 2.10e-03$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.14e-03$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 6.24e-04$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 3.40e-04$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.86e-04$	0.0. 0.00 0.00 0.00	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 5.53e-05$
State   Stat	$4.1927 \times 10^{4}$ $4.1926 \times 10^{4}$ $4.1925 \times 10^{4}$ $4.1924 \times 10^{4}$ $4.1923 \times 10^{4}$ $4.1922 \times 10^{4}$	$4.058 \times 10^{4}$ $4.056 \times 10^{4}$ $4.054 \times 10^{4}$ $4.052 \times 10^{4}$ $4.05 \times 10^{4}$ $4.048 \times 10^{4}$ $4.046 \times 10^{4}$	$3.375 \times 10^{4}$ $3.37 \times 10^{4}$ $3.365 \times 10^{4}$ $3.36 \times 10^{4}$	$ \begin{array}{c} 2.465 \times 10^{4} \\ 2.4625 \times 10^{4} \\ 2.46 \times 10^{4} \\ 2.4575 \times 10^{4} \\ 2.455 \times 10^{4} \\ 2.4525 \times 10^{4} \\ 2.4525 \times 10^{4} \\ 2.45 \times 10^{4} \\ 2.45 \times 10^{4} \\ \end{array} $	$   \begin{array}{c}       1.676 \times 10^{\circ} \\       1.674 \times 10^{\circ} \\       1.672 \times 10^{\circ} \\       1.67 \times 10^{\circ}   \end{array} $	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$8.204 \times 10^{3}$ $8.203 \times 10^{3}$ $8.202 \times 10^{3}$ $8.201 \times 10^{3}$ $8.2 \times 10^{3}$	6.3576 × 6.3574 × 6.3572 × 6.3572 × 6.3566 × 6.3566 × 6.3566 ×	\[   \text{10}^3 \\   \text{10}^3	$ \begin{array}{c} 4.75 \times 10 \\ 4.745 \times 10 \\ 4.74 \times 10 \\ 4.735 \times 10 \\ 4.725 \times 10 \\ 4.725 \times 10 \\ 4.715 \times 10 \\$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	10 <sup>3</sup> 3.62 10 <sup>3</sup> 3.57 10 <sup>3</sup> 3.52 10 <sup>3</sup> 3.52 10 <sup>3</sup> 3.47	$5 \times 10^{3}$ $6 \times 10^{3}$ $5 \times 10^{3}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3.3.3.3.3.	100 -	100 -	10 <sup>1</sup> -	100 -	100 -	100 -
State   Stat	0	$\lambda = 5.72e + 00$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$   \begin{array}{ccccccccccccccccccccccccccccccccccc$	$0   5   10   15   20$ $\lambda = 5.07e-01$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\lambda = 1.51e-01$	0.0 0.2 0.4 0.6 0.8 $\lambda = 8.23e-02$	1.0 $-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 4.49e-02$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\lambda = 7.29e-03$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 3.98e-03$	0 10 20 30 40 $\lambda = 2.17e-03$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.18e-03$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 6.46e-04$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 3.52e-04$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.92e-04$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.05e-04$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 5.72e-05$
Table   Tabl	$4.19215 \times 10^{4}$ $4.19215 \times 10^{4}$ $4.19215 \times 10^{4}$ $4.19214 \times 10^{4}$	$4.12 \times 10^{4}$ $4.1 \times 10^{4}$ $4.08 \times 10^{4}$ $4.06 \times 10^{4}$ $4.04 \times 10^{4}$	$3.5 \times 10^{4}$ $3.475 \times 10^{4}$ $3.425 \times 10^{4}$ $3.425 \times 10^{4}$ $3.4 \times 10^{4}$ $3.375 \times 10^{4}$ $3.325 \times 10^{4}$ $3.325 \times 10^{4}$ $3.325 \times 10^{4}$	$2.46 \times 10^{4}$ $2.44 \times 10^{4}$ $2.42 \times 10^{4}$ $2.4 \times 10^{4}$ $2.4 \times 10^{4}$ $2.38 \times 10^{4}$	$1.615 \times 10^{\circ}$ $1.61 \times 10^{\circ}$ $1.605 \times 10^{\circ}$ $1.6 \times 10^{\circ}$ $1.595 \times 10^{\circ}$ $1.59 \times 10^{\circ}$ $1.585 \times 10^{\circ}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$6.98 \times 10^{3}$ $6.975 \times 10^{3}$ $6.97 \times 10^{3}$ $6.965 \times 10^{3}$ $6.955 \times 10^{3}$ $6.95 \times 10^{3}$ $6.945 \times 10^{3}$	4.992 > 4.992 > 4.995 > 4.988 > 4.986 > 4.984 > 4.982 > 4.982 > 4.982 > 4.982 > 4.982 > 4.982 > 4.982 > 4.983	3 (10 <sup>3</sup> )	$3.2525 \times 10$ $3.2525 \times 10$ $3.2525 \times 10$ $3.2515 \times 10$ $3.251 \times 10$ $3.2515 \times 10$ $3.2505 \times 10$ $3.2505 \times 10$ $3.2495 \times 10$ $3.2495 \times 10$	1 3 3 3 3 3 3 1	10° -	100 -	.00 -		100 -	100 -	100 -	100 -	100 -	100 -
139399	0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0 2 4 6 8 $\lambda = 5.07e-01$	$\lambda = 2.76e-01$	$\lambda = 1.51e-01$	$0.0 \qquad 0.5 \qquad 1.0 \qquad 1.5 \\ \lambda = 8.23 \text{e-}02$	2.0 0.0 0.2 0.4 0.6 0.8 1.0 $\lambda = 4.49e-02$	0.0 0.2 0.4 0.6 0.8 1.0 $\lambda = 2.45e-02$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.34e-02$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 7.29e-03$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 3.98e-03$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 2.17e-03$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.18e-03$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 6.46e-04$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 3.52e-04$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.92e-04$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.05e-04$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 5.72e-05$
	$4.1924 \times 10^{4}$ $4.19235 \times 10^{4}$ $4.1923 \times 10^{4}$ $4.19225 \times 10^{4}$ $4.1922 \times 10^{4}$ $4.19215 \times 10^{4}$	$4.055 \times 10^{4} - 4.05 \times 10^{4} - 4.045 \times 10^{4} - 4.04 \times 10^{4} - 4.035 $	$3.33 \times 10^{4}$ $3.32 \times 10^{4}$ $3.31 \times 10^{4}$ $3.3 \times 10^{4}$ $3.3 \times 10^{4}$	$2.365 \times 10^{4}$ $2.36 \times 10^{4}$ $2.355 \times 10^{4}$ $2.35 \times 10^{4}$ $2.345 \times 10^{4}$ $2.34 \times 10^{4}$	$   \begin{array}{c}     1.54 \times 10^{\circ} \\     1.538 \times 10^{\circ} \\     1.536 \times 10^{\circ} \\     1.534 \times 10^{\circ} \\     1.532 \times 10^{\circ} \\     1.53 \times 10^{\circ} \\     1.528 \times 10^{\circ}   \end{array} $	$9.83 \times 10^{3}$ $9.82 \times 10^{3}$ $9.81 \times 10^{3}$ $9.81 \times 10^{3}$ $9.8 \times 10^{3}$	$6.47 \times 10^{3}$ $6.46 \times 10^{3}$ $6.45 \times 10^{3}$ $6.44 \times 10^{3}$ $6.43 \times 10^{3}$ $6.42 \times 10^{3}$	4.4688 > 4.4686 > 4.4684 > 4.4682 > 4.4	3.3 (10 <sup>3</sup> )	$2.66 \times 10$ $2.64 \times 10$ $2.62 \times 10$ $2.62 \times 10$ $2.6 \times 10$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	10 <sup>3</sup> 1.8 10 <sup>3</sup> 1.8 10 <sup>3</sup> 1.8 10 <sup>3</sup> 1.7 10 <sup>3</sup> 1.7	$2 \times 10^{3}$ $8 \times 10^{3}$ $8 \times 10^{3}$ $6 \times 10^{3}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3	100 -	10°	100 -	10° -	100 -	100 -
10° 10° 10° 10° 10° 10° 10° 10° 10° 10°	0	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\lambda = 5.46e + 02$	$\lambda = 2.98e + 02$	$   \begin{array}{ccccccccccccccccccccccccccccccccccc$	$\lambda = 8.86e + 01$	$\lambda = 4.83e + 01$	$0   10   20   30$ $\lambda = 2.64e + 01$	0.0 0.2 0.4 0.6 0.8 $\lambda = 1.44e + 01$	1.0 0.0 0.2 0.4 0.6 0.8 1.0 $\lambda = 7.85e + 00$	$\lambda = 4.28e + 00$	$0 10 20 30$ $\lambda = 2.34e + 00$	0 10 20 30 40 $\lambda = 1.27e + 00$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 6.95e-01$	0 10 20 30 40 $\lambda = 3.79e-01$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 2.07e-01$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.13e-01$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 6.16e-02$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 3.36e-02$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.83e-02$	$-0.04 - 0.02 \ 0.00 \ 0.02 \ 0.04$ $\lambda = 1.00e-02$
$10^{\circ} + 10^{\circ} + 1$	Functional error				103		101		101 -			101 -		101		101 -	101 -	101	101 -	101 -	
0 20 40 60 80 100 0 20 40 60 80	100 -	20 40 60 80 100 0	20 40 60 80 100 0	20 40 60 80 100	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 20 40 60 80 100	0 1 2 3 4 5	0.0 0.2 0.4 0.6 0.8 1.0	0.0 0.2 0.4 0.6 0.8	1.0 0.0 0.2 0.4 0.6 0.8 1.0	0.0 0.2 0.4 0.6 0.8 1.0	0.0 0.2 0.4 0.6 0.8 1.0	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$0^{\circ}$ $\frac{1}{10^{\circ}}$ $\frac{10^{\circ}}{0.0}$ $0.5$ $1.0$ $1.5$ $2.0$	0 1 2 3	0 1 2 3	0 1 2 3 4 5	100 1 2 3 4 5	0 10 20 30	0 20 40 60 80 100	0 20 40 60 80 100