

HW # 3

	q65	Relative
14.	0.001264	4.025×10^{-4}
16.	2.346×10^{-6}	2.289×10^{-6}
18.	2.818×10^{-4}	1.032×10^{-4}
19.	2.316×10^{-4}	1.510×10^{-4}

24. $p = R \rightarrow R - 10^{-4} \cdot |R| < p^* < R + 10^{-4} \cdot |R|$
 $3.14128 < p^* < 3.14191$

Lowest Interval = $(3.14128, 3.14191)$

26. $p = e \rightarrow e - 10^{-4} \cdot |e| < p^* < e + 10^{-4} \cdot |e|$
 $2.71801 < p^* < 2.71855$

Current Interval = $(2.71801, 2.71855)$

	Approx	Absolute	Relative
S_n	134	0.024	5.40×10^{-4}
S_b	133	0.444	3.77×10^{-4}

104. $p^* = \sum_{n=0}^{\infty} \frac{1}{n!} = 2.718281801$

150. 3224
 156. -3224