

## List of Tables

	Page No.
Table 2.1 Comparison of the HAM solution with the exact solution for $n = 1$	37
Table 2.2 Comparison of the HAM solution with the exact solution for $n = 2$	38
Table 4.1 Comparison of residual error ( $E_m$ ) and convergence control parameter ( $\hbar$ ) for $\alpha = 0.8 + 0.2 \frac{xt}{LT}$ , $L = 10$ , $T = 1$	69
Table 4.2 Comparison of residual error ( $E_m$ ) and convergence control parameter ( $\hbar$ ) for $\alpha = xt$	71
Table 5.1 Comparison of exact residual error for different values of $\hbar$ at $\alpha = 1$	82
Table 5.2 Comparison of exact residual error for different values of $\hbar$ at $\alpha = 0.75$	82
Table 5.3 Comparison of exact residual error for different values of $\hbar$ at $\alpha = 0.5$	82