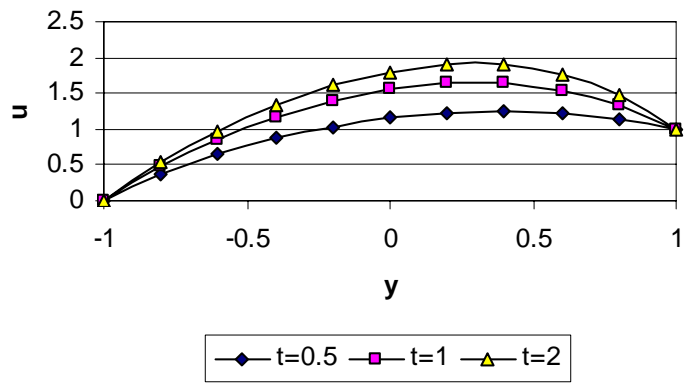
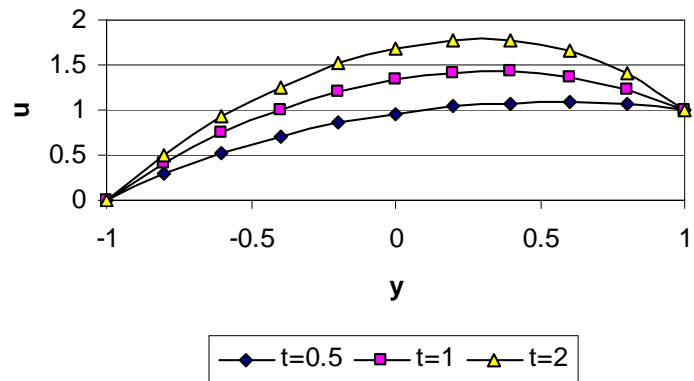
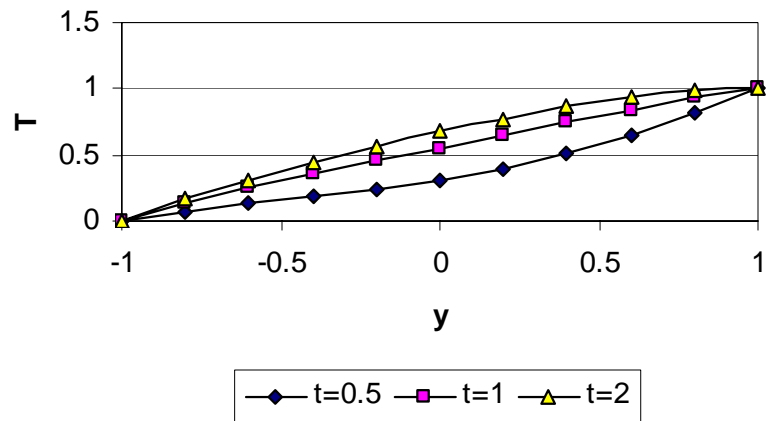
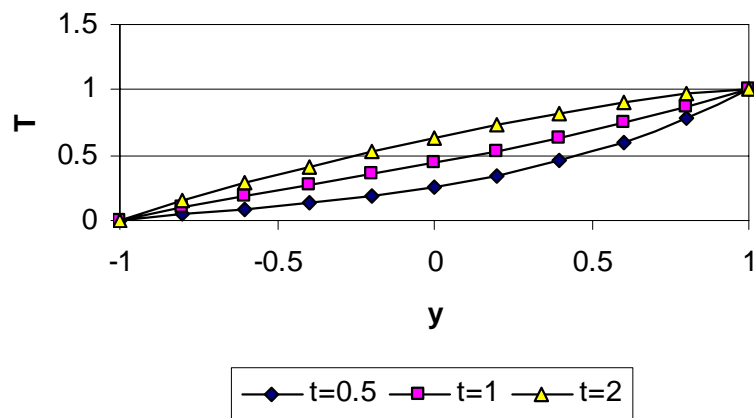
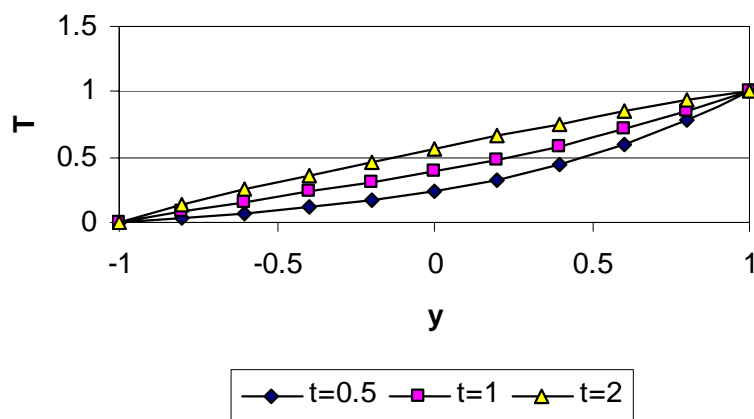
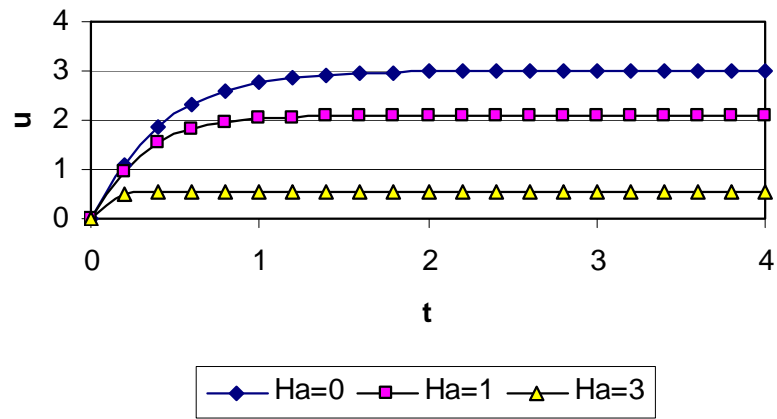
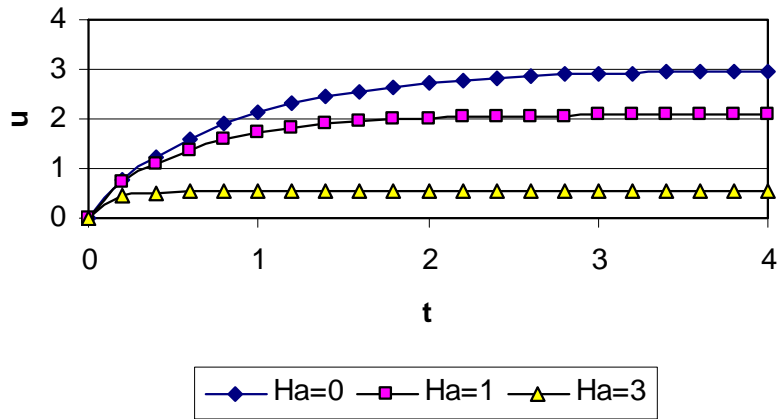
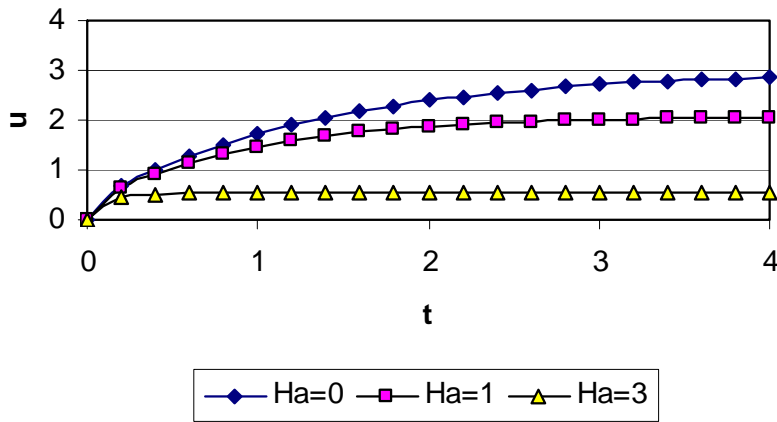
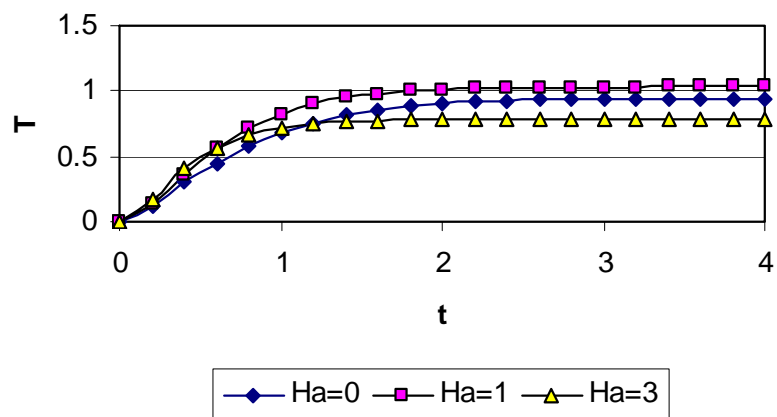
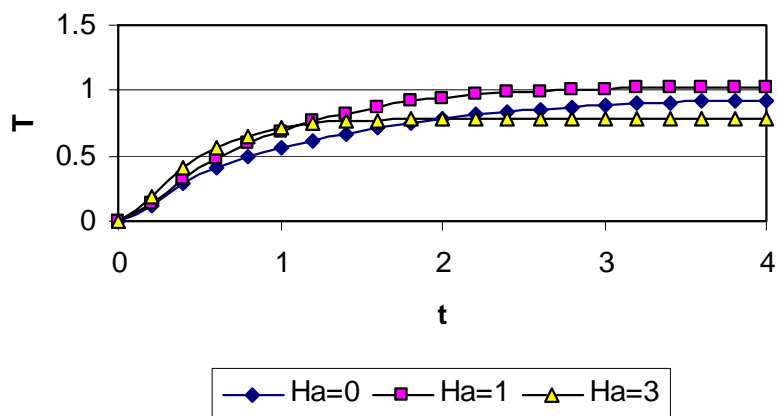
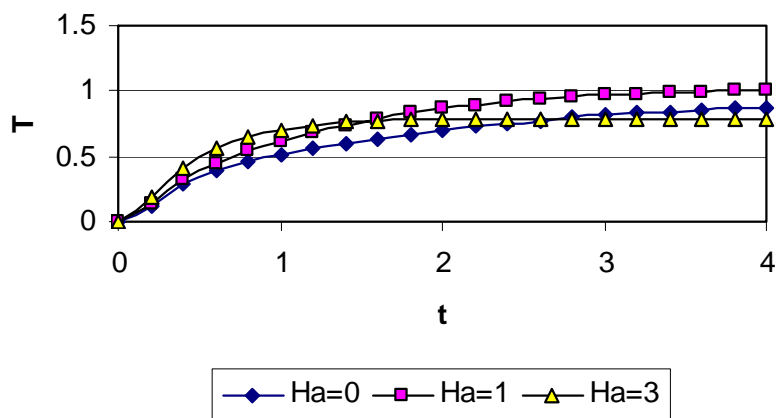
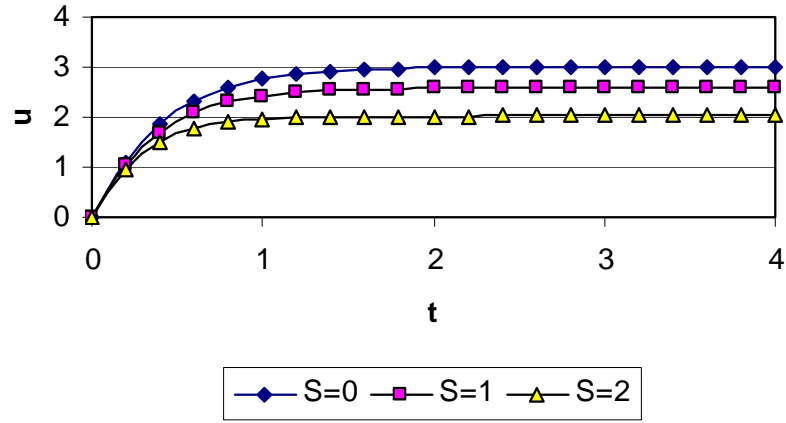
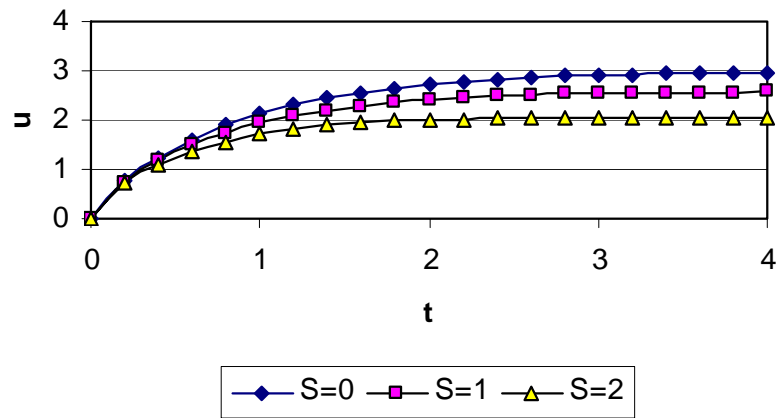
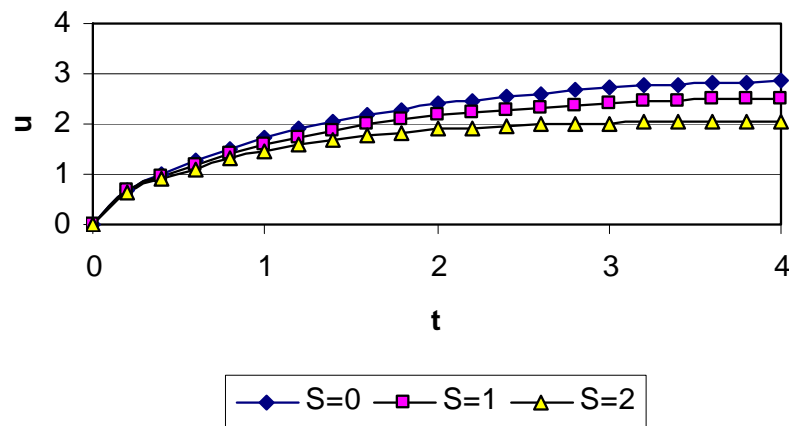
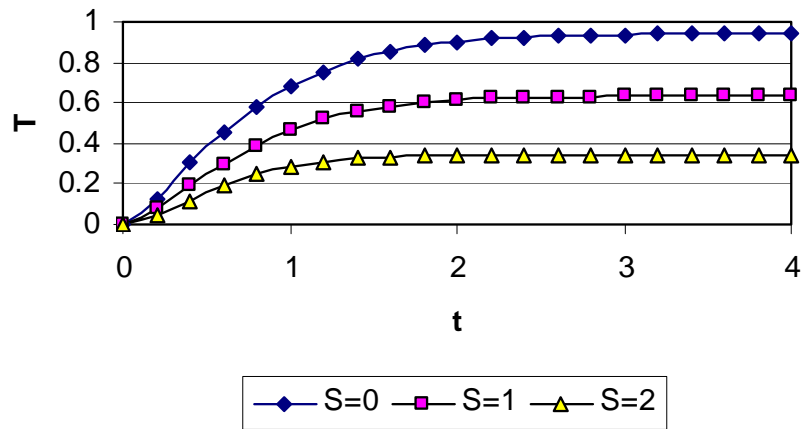
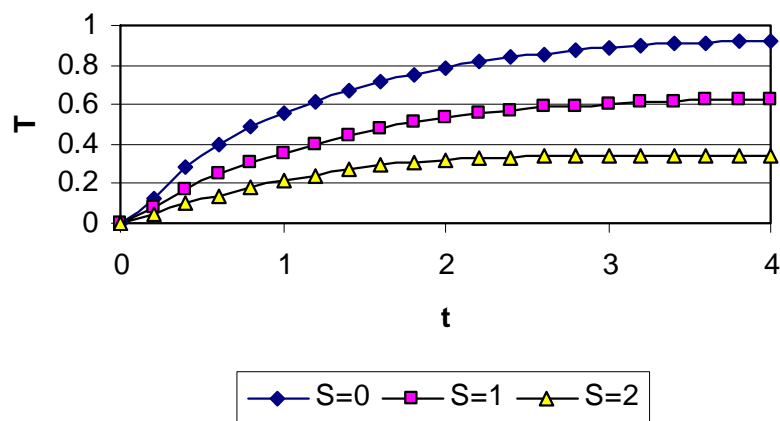
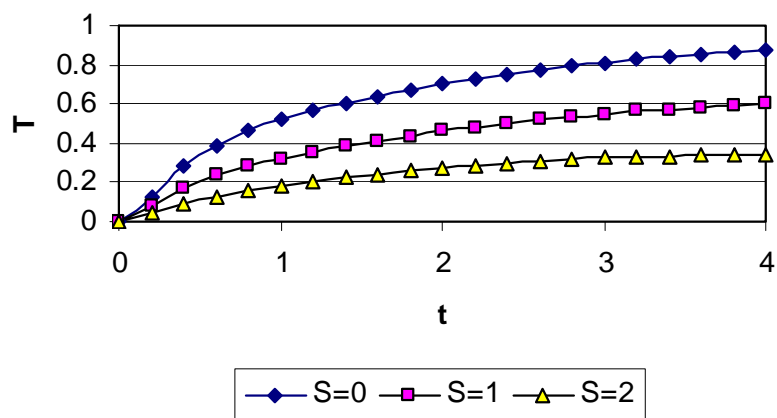
(a)  $K=0$ (b)  $K=0.5$ (c)  $K=1$ Fig. 1 Time variation of the profile of  $u$  for various values of  $K$ . ( $Ha=1$  and  $S=1$ )

(a)  $K=0$ (b)  $K=0.5$ (c)  $K=1$ Fig. 2 Time variation of the profile of  $T$  for various values of  $K$ . ( $Ha=1$  and  $S=1$ )

(a)  $K=0$ (b)  $K=0.5$ (c)  $K=1$ Fig. 3 Effect of the parameter  $Ha$  on  $u$  for various values of  $K$ . ( $S=0$ )

(a)  $K=0$ (b)  $K=0.5$ (c)  $K=1$ Fig. 4 Effect of the parameter  $Ha$  on  $T$  for various values of  $K$ . ( $S=0$ )

(a)  $K=0$ (b)  $K=0.5$ (c)  $K=1$ Fig. 5 Effect of the parameter  $S$  on  $u$  for various values of  $K$ . ( $Ha=1$ )

(a)  $K=0$ (b)  $K=0.5$ (c)  $K=1$ Fig. 6 Effect of the parameter  $S$  on  $T$  for various values of  $K$ . ( $Ha=1$ )