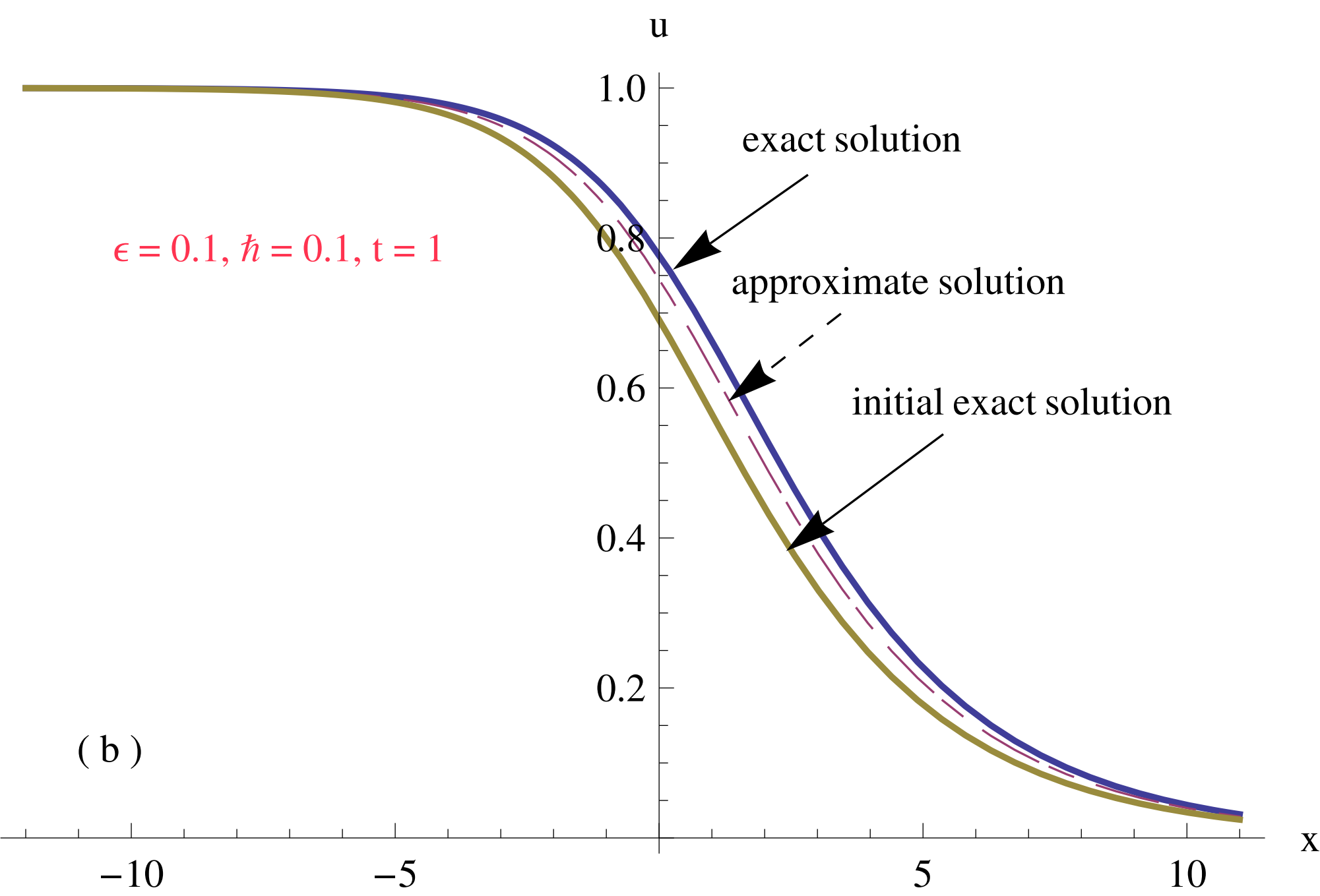
u
1.0
0.8
0.6
0.4
0.2
x
−10
−5
5
10
exact solution
approximate solution
initial exact solution
$\epsilon = 0.1, \hbar = 0.1, t = 1$
(b)