

Table 1: Absolute error of approximate solution Chebyshev wavelet picard with $\delta = 1, M = 8, K = 2$ for different value α in example 1,

$\delta = 1 \quad J = 4 \quad a = 0.01, \quad b = 0.01$				$\delta = 1 \quad J = 4 \quad a = 0.001, \quad b = 0.001$		
(x, t)	$\alpha = 0.6$	$\alpha = 0.9$	$\alpha = 1$	$\alpha = 0.6$	$\alpha = 0.9$	$\alpha = 1$
$(\frac{1}{32}, \frac{1}{32})$	1.9187×10^{-6}	5.0278×10^{-7}	0	1.9219×10^{-5}	5.0369×10^{-6}	1.1102×10^{-16}
$(\frac{7}{32}, \frac{7}{32})$	7.9907×10^{-6}	2.5131×10^{-6}	0	8.0053×10^{-5}	2.5177×10^{-5}	0
$(\frac{13}{32}, \frac{13}{32})$	6.9386×10^{-6}	1.8534×10^{-6}	0	6.9534×10^{-5}	1.8573×10^{-5}	1.1102×10^{-16}
$(\frac{19}{32}, \frac{19}{32})$	3.3959×10^{-6}	6.0087×10^{-6}	0	3.4040×10^{-5}	6.0227×10^{-6}	0
$(\frac{25}{32}, \frac{25}{32})$	3.3252×10^{-7}	2.4888×10^{-7}	0	2.3320×10^{-6}	2.4951×10^{-6}	1.1102×10^{-16}
$(\frac{31}{32}, \frac{31}{32})$	3.0906×10^{-7}	1.4184×10^{-7}	1.1102×10^{-16}	3.0996×10^{-6}	1.4225×10^{-6}	0

in Table(??), we obtain