0, 
$$\frac{1}{1} = \frac{1}{1} + \frac{1}{1} + \frac{1}{1} + \frac{1}{1} + \frac{1}{1} = \frac{1}{1} + \frac{1}{1} + \frac{1}{1} = \frac{1}{1} + \frac{1}{1} + \frac{1}{1} = \frac{1}{1} = \frac{1}{1} + \frac{1}{1} + \frac{1}{1} = \frac$$

actual ralue: 1.66128, Euler's method: 1.53692

$$\frac{1}{4} f(t,y) = |t| \frac{1}{2} (t + (\frac{1}{2})^{2}) = \frac{1}{2} (t + \frac{1}{2}) = \frac{1}{2} (\frac{1}{2}) + \frac{1}{2}$$

À	á5	DU	f(4,7)	5(45)	Dail: Dit hofer b) + h' fe
14	1.4	6.4689	1.4712	1.3612	0.6428
	1.5	0.6428	1.6122	1,4654	0.8113
5	1.6	0.8113	1.7642	1.5825	0.9956
9	1,7	5.9956	1,9286	1,7153	1.197
8	1.8	1.197	2,1092	1.8668	1.417
9	1.9	1.417	2,302	2.041	(1.651)
2	2.0	1.657			
				A Company	

by Taybr's method: 2=1.657 sexuce value: 1.66128

2, RK4i k1=h. f(en.un)

k2=h. f(en+1/2,un+ k1/2)

k3=h. f(en+1/2,un+ k2/2)

k4=h. f(en+h, un+k3)

Um1: un +2(k1+2k2+2k3+/44)

经到过計算

h= 0.05 7 when t:0.1=) kk4=[1.7269,-0.8326] serace: [1.7936,-1.632]

h=0.1, when t=0.1 =) RK4=[-3.052, d.983] > exact: [1.79306, -1.032]

h=0.16的error非常大为領緒小人使解的error小器