

Sichuan University

Chengdu, 610207, Sichuan, P.R.China Http://www.scu.edu.cn

$$| \xi, (y'=\zeta,h,y) |$$
 $| \xi, (y'=\zeta,h,y) |$
 $| \xi$

二方(t, y) =5my在 acteb, -6cycm是判蓄泰连续

以y'=5my在[a,6]上存在9座-解

(b)
$$y'(t) = \frac{2e^{t-a} \tan(y_a/2)}{[+1e^{t-a} \tan(y_a/2)]^2}$$

-! sin(zarcton X) = sinzb= 2 sin 0 cos0 = 2x/(14x2)

: sinty(t)] = sin (zordon Tet-a ton (yo/z)])

$$= \frac{2e^{t-a} \tan(y_a/2)}{1+te^{t-a} \tan(y_a/2)]^2}$$

又等YCay=Ya 公yCt)是初值问题的解