

01-9 = (1-9)t+C

$$\frac{du}{dt} = u^q, \ t \in [0, 10] \tag{1}$$

La solución exacta es:  $u(t)=e^t$  para q=1 y  $u(t)=(t(1-q)+1)^{\frac{1}{1-q}}$  para q<1 y t(1-q)+1>0.

$$dv = 0!$$

$$dv = 0!$$

$$dv = b+c$$

$$0 = b+c$$

$$0 = e^{t}$$

