Module 5 Lesson 1 Assignment 2

Pedro Gómez Martín

May 21, 2017

1 Assume that f and f' have the values given in the table use Euler's method with two approximate the value of $f(4.4)$.

x	4	4.2	4.4
$f'(x)$	-0.5	-0.3	-0.1
$f'(x)$	2	1.7	1.6

2 The curve passing through $(2, 0)$ satisfies the differential equation $\dfrac{dy}{dx} = 4x + y$