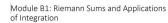
battery

-10-5



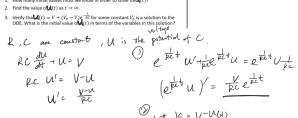
Suppose we have a Werther's Original which has a top-down shape given by the three regions bounded by x=0, $x=\pi$, $y=\sin^2 x$, and $y=\cos^2 x$ and has densities ρ_a , ρ_b , ρ_c (see figure below). At which point (\bar{x},\bar{y}) should you balance this candy such that it does not tip over (i.e., into)out of the page)?



Module C1: Introduction to ODEs

The circuit below contains a battery with constant voltage V=40~V, a resistor with resistance $R=10~\Omega$, and a capacitor with capacitance $C=0.01~\mathrm{F}$. The voltage v(t) of the capacitor at time t is given by the ODE: $RC \frac{dk}{dt} + \mathsf{U} = V$.

1. How many initial values must we know in order to solve for (t)?





IVP mitted value powden = a

Now there is a small crack.

on the bell,

is the pitch 1, 2 - 7

JVP, boly.

Dirichlet Boly > Newmorm Boly.

