

Written HW5 – MATH 2502 Spring 2022

Due by 7 February for timely completion credit

Find the area bounded by the curves $y = x^2$ and $y = -x^3 + x^2$ over the interval $[0, 2]$. Include a picture of this region either sketched by hand or created using software. All calculations (except arithmetic) must be done “by hand”.