Practical Problem Set 3

January 28, 2018

Wolfson **20.65**; **20.73**; **20.79**

For **20.73**, you may need

$$\int \frac{dt}{(x^2+t)^{3/2}} = -2(x^2+t)^{-1/2} \tag{1}$$

or

$$\int \frac{xdx}{(x^2+a^2)^{3/2}} = -(x^2+a^2)^{-1/2} \tag{2}$$