

WED 10/4/2017

$$1. \int \frac{x}{x^2+1} dx$$

$$2. \int \frac{x^2}{x^2+1} dx$$

$$3. \int_0^{\infty} \frac{1}{x^2+1} dx$$

$$4. \int \frac{1}{x^2 \sqrt{x^2+1}} dx$$

$$5. \int \frac{x}{(x^2+1)^2} \ln x dx$$