

SOME INTEGRALS TO RECALL

Before section 3.2 and Chapter 4, it is timely to review some antiderivatives.

1. $\int \frac{dy}{ay + b} =$

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

3. $\int \frac{dz}{z(a - bz)} =$

4. $\int x^n e^{ax} =$

5. $\int e^{at} \cos bt \, dt =$