Assignment-4 (Definite integrals)



(1) $\int Sin x. Cos x dx$ (2) $\int \frac{e^2}{e^2+1} dx$ (3) 5 Co32 dn (4) [Logn (logn)2] dn (5) $\int \int (B-x)(x-d) dx$, d < B (6) $\int \frac{1}{(1+2x^2)} \sqrt{1+x^2}$ (7) Sinz dn (8) Jatema dn Sina+Cosa Seex+tema (9) | log (Sina) da (10) | a log (Sina) da (11) $\int \frac{\log(1+n)}{1+n^2} dn = \frac{1}{n^2} \int \frac{2}{n^2} dn$ (13) \\ \frac{1}{1+\interpret} \tag{4n} (4) $\int \sqrt{2} dn$ $\int \sqrt{3} + \sqrt{3} - \lambda$ (16) / 11-21 dr US) / Isinal da