

Anal hf

2008. november 4.

1. $\int \frac{x+1}{\sqrt{x}}$, $\int \frac{\sqrt{1+x^2}-\sqrt{1-x^2}}{\sqrt{1-x^4}}$, $\int \tanh^2 x$;
2. $\int \frac{1}{\sqrt{2-5x}}$, $\int \frac{1}{1-\cos x}$, $\int \frac{x}{\sqrt{1-x^2}}$, $\int \frac{1}{x\sqrt{x^2-1}}$;
3. $\int \frac{\log_e^2 x}{x}$, $\int \tan x$, $\int \frac{1}{\sin^2 x + 2 \cos^2 x}$;
4. $\int \frac{1}{\sqrt{1+e^x}}$, $\int x^2 \sqrt[3]{1-x}$, $\int \frac{1}{(1-x^2)^{\frac{3}{2}}}$;
5. $\int x^3 e^{-x^2}$, $\int x \sinh x$, $\int \arctan x$;
6. $\int \frac{2x+3}{(x-2)(x+5)}$, $\int \frac{1}{(x^3+1)^2}$, $\int \frac{x^3+1}{x^3-5x^2+6x}$;

Remélem mindet jól írtam le... Nov. 11.-re kell!!!!