

10. série - pro kruh 136

1. Spočtěte

$$(a) \int \frac{3+x}{4-x^2} dx$$

$$(b) \int \frac{x}{-3x^2+5x-2} dx$$

$$(c) \int \frac{4x^3}{x^4-1} dx$$

$$(d) \int \frac{2x^4+x+1}{x^3+x} dx$$

$$(e) \int \frac{6x^2+3x+3}{2x^2+x-1} dx$$

$$(f) \int \frac{\cos x}{\sin x - \sin^2 x} dx$$

$$(g) \int \frac{2}{2+e^x} dx$$