

CALCULUS 2
6.6 INVERSE TRIGONOMETRIC FUNCTIONS

ADRIAN PĂCURAR

Problem 1.

$$\int \frac{\arcsin(x)}{\sqrt{1-x^2}} dx$$

Problem 2.

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

Problem 3.

$$\int \frac{1}{\sqrt{x}(1+x)} dx$$

Problem 4.

$$\int \frac{\sin(x)}{1 + \cos^2(x)} dx$$

Problem 5.

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

Problem 6.

$$\int \frac{2x^2 + 5}{x^2 + 1} dx$$