

MAC2312: Calculus 2 - Section 3

Quiz 4: 7.5 Strategy for Integration

May 28, 2015

1. Evaluate $\int \frac{t}{t^4 + 1} dt$.

A. $-\frac{1}{2}t^{-2} + \frac{1}{2}t^2 + C$

B. $\frac{1}{2}t^{-2} - \frac{1}{2}t^2 + C$

C. $2 \tan^{-1} t^2 + C$

D. $\frac{1}{2} \tan^{-1} t^2 + C$