Calculus 1 - Limit Methods

File Edit Rule Definition Apply Rule Understood Rules Help

Enter a function

Function (2*x-1)/(x^2-x+3)^(1/2) Variable x at -infinity Direction Start

$$\lim_{x \to -\infty} \frac{2x-1}{\sqrt{(x^2-x+3)}}$$

$$= \lim_{x \to -\infty} \frac{-2+\frac{1}{x}}{\sqrt{\left(1-\frac{1}{x}+\frac{3}{x^2}\right)}}$$

The rewrite rule has been applied.

Show Hints Get Hint

Constant Identity

Constant Multiple

Sum Difference

Product Quotient

Power Change

l'Hopital's Rule Divide by zero

Factor Rewrite

Exponential Natural Logarithm

<trig> <hyperbolic>

<arctrig> <archyperbolic>

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