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How to understand Abel's sentence

math-history   asked Nov 29, 2016 at 8:47

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un-named theorems in Baby Rudin

reference-request   asked Sep 13, 2013 at 11:39

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Where can I get all mathematician's birth day and death day?

reference-request   math-history   education   asked Sep 7, 2013 at 11:49

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The relation between piano 12-scale and Fibonacci?

fibonacci-numbers   asked Sep 7, 2013 at 9:52

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The relation between Schimidt and Cross Product

linear-algebra   matrices   asked Sep 7, 2013 at 2:58

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The real name of "square power" of the term of one multivariate polynomial?

polynomials   asked Aug 11, 2013 at 6:03

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How can I think of Multinomial Theorem's "urn" model by permutation language.

combinatorics   polynomials   asked Aug 11, 2013 at 5:01

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How can I expand $\sum_{m=1}^{n-1} \prod_{k=m+1}^{n} x_k x_m$ Is it an error?

polynomials   asked Aug 10, 2013 at 4:59

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The relation of GCD and capacity?

terminology   asked Aug 8, 2013 at 14:55

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Is LinearTransformation's matrix a square matrix?

linear-algebra   terminology   asked Aug 4, 2013 at 12:34

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The difference of change of bases and change of basis

terminology   asked Aug 4, 2013 at 7:20

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Prove : A finite subset of $\mathbb{N}$ has one maximum

elementary-number-theory   asked Jul 29, 2013 at 4:58

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Bounded above implies there exists a sup B?

real-analysis   calculus   supremum-and-infimum   asked Jul 25, 2013 at 14:39

0 votes | 2 answers | 714 views

denseness of rational numbers in Q

calculus   asked Jul 24, 2013 at 6:24

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Prove: For all $n \geq 1$, $a_{n+1} - a_n < 8^k a_n^{\left(1-\frac{1}{k}\right)^3}$.

calculus   sequences-and-series   asymptotics   asked Jul 23, 2013 at 2:09

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3 votes   3 answers   206 views

$(\lambda X + \mu Y)(a) = \lambda X(a) + \mu Y(a)$

linear-algebra   probability   asked Jul 22, 2013 at 5:58

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13 votes   2 answers   8k views

Prove: the set of zeros of a continuous function is closed.

general-topology   asked Jul 21, 2013 at 14:54

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0 votes   1 answer   108 views

Why $\cos(x) > 0$?

calculus   asked Jul 21, 2013 at 14:10

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4 votes   1 answer   238 views

$\lim\limits_{h \to 0} \frac{e^h - 1}{h} = 1$ and the relation with $\sin'(x) = \cos(x)$

calculus   asked Jul 21, 2013 at 13:35

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0 votes   1 answer   84 views

Why not number some definitions in Rudin's book?

education   asked Jul 21, 2013 at 12:50

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1 vote   1 answer   34 views

Is there any rules for choosing letters about a, b, c and t, or $2t$

terminology   education   asked Jul 21, 2013 at 7:45

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Is there a f_n with two local maxima converges to f only one local maxima?

calculus   asked Jul 16, 2013 at 12:56

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5 votes   3 answers   94 views

What conditions hold $f\left(f^{-1}(x)\right) = x$

algebra-precalculus   asked Jul 15, 2013 at 6:23

2 votes   [1 answer]   129 views

How close could two local maxima be?

calculus   asked Jul 15, 2013 at 1:42

1 vote   [2 answers]   105 views

a, b, c, d are positive integers, $\quad a - c \mid ab + cd$, and then $a - c \mid ad + bc$

elementary-number-theory   asked Jul 10, 2013 at 14:18

0 votes   [1 answer]   59 views

How many numbers can be divided by k in $1, 2, ..., n$?

elementary-number-theory   asked Jul 10, 2013 at 14:04

3 votes   [1 answer]   184 views

There is a real number $\alpha > 1$ such that $\left\lfloor 2^{2^{.^{.^{.^{2^{\alpha}}}}}} \right\rfloor$ is prime for all $n \geq 1$

number-theory   prime-numbers   asked Jul 10, 2013 at 2:28

7 votes   [5 answers]   2k views

Prove: $|x - 1| + |x - 2| + |x - 3| + \cdots + |x - n| \geq n - 1$

algebra-precalculus   inequality   absolute-value   asked Jul 9, 2013 at 15:03

4 votes   [7 answers]   746 views

prove: $\left| x + \frac{1}{x} \right| \geq 2$ [duplicate]

algebra-precalculus   inequality   asked Jul 9, 2013 at 13:11

0 votes   [1 answer]   4k views

Question on induction-1 is the least positive integer

induction   asked Jul 9, 2013 at 0:54

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