Numerical Analysis Questions & Answers

Question by Student 201527142

Professor, in assignment #6, I found you didn't define n, the number of data points, before writing function f. Is it necessary, isn't it?

Well, the number of data points N can be obtained from the data shown in the tables..

Question by Student 201327102

Professor, I think I found wrong notation in Assignment 6# Question #2 reminder. In reminder, last row, you told interval of i *to* $2 \leq i \leq N$*. But, in my note, you taught us that interval of* i *is* $2 \leq i \leq N-1$ *Isn't it necessary to revise that point?*

In the reminder, last row, it is written $2 \leq i \leq N-1$, not $2 \leq i \leq N$..

Question by Student 201327107

Professor, I have question about Big O notation. Sometimes you write

$(b-a)O(\delta(x^2))$

but sometimes you write just

$O(\delta(x^2))$

except $(b-a)$*. Do these two have same meaning?*

I'm not sure what your question is.. The big O notation $O(\Delta x^2)$ means that the average truncation error leading term scales with Δx^2, that is all. Your question is not clear and is not well typeset either. I'll give you 0.5 point bonus boost only.

Question by Student 201029134

Professor, I got a grade and want to check my score. I'm sorry but When do I go to your office?

I'll be in Dec. 30th, Jan 2nd, and Jan 3rd from 9am till 6pm. Note that the grades can't be changed after January 3rd.

Question by Student 201542124

Professor, I have a question about the homework. In your homepage, there is a homework#1 Today I learned about IEEE in that class. So, When should we submit the homework? And, if so, should we upload the homework in your website or write in the paper and submit in person?

I'm not sure yet when Assign 1 will be due. When I decide on the date, I will let you know on my website, and you will receive an email. You should write the Assignment on paper and submit it at the beginning of the class.

Question by Student 201427565

professor, I don't understand the reason why I have to use $e = 11111110$ *instead of* $e = 11111111$ *when i'm finding max P. and also for the min P, why is that* $e = 00000001$ *? not just the zero?*

This was explained in class. You need to exclude the reserved exponents for the special cases.