Peer-review of assignment 4 for *INF3331-matan*

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We are one reviewer less, so we corrected one assignment less

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1 Review

Python 3.6.1 on macOS Sierra(version 10.12.6) is used for the review.

General feedback

This is a very good solution, well documented and everything we have tested is working. Very detailed and informative reports. Everything is easy to read, with good function names etc.

Assignment 4.1

The tests have meaningful names, and is working as expected. All the tests starter with test_. The code is very easy to read and also written in a pythonic way. No unnecessarily complicated parts.

Assignment 4.2

Working as expected and documentation where its needed. Easy to read aswell.

```
1  def integrate(f, a, b, N):
2      """
3      Integration method that does not use any python modules (numpy)
4      """
5      n = (b-a)/float(N) #Interval length
6      I = 0.0 # Will be value of integrated function
7      m = 0 # Counter
8      for i in range(1, int(N)):
9          m += 1
10         I += f(a + i*n)*n
11     I += f(b)*n
12     return I
```

The only thing i see is that the "m" counter here is not doing anything

Assignment 4.3

Working as expected and documentation where its needed. Easy to read. Numpy is used effectively. (Use of vectorization) Good informative report

Assignment 4.4

Working as expected and documentation where its needed. Easy to read. Good informative report. Good that you included the part about vectorized functions not working in numba.

Assignment 4.6

Working as expected and documentation where its needed. Easy to read. Good and informative report.

Assignment 4.7

Packaging is done correctly

Assignment 4.8

Bonus contest not done.