4 group task in calculus:

Edited at 8am 8 June 2018.

1. Explain series convergence tests.

https://en.wikipedia.org/wiki/Convergence\_tests

1.2. Calculate the error of your Euler method for T = 90, K = 9000.

2. What is truncation error?

3. Give the main numerical integration equations.

4. Explain the main integration error bound equations.

5. What is Euler method for numerical solving of differential equations?

https://en.wikipedia.org/wiki/Numerical\_methods\_for\_ordinary\_differential\_equations

6. Explain quaternion.

https://en.wikipedia.org/wiki/Quaternion

7. Solve Jindoh Riddle problem.

http://dishonored.wikia.com/wiki/The\_Jindosh\_Riddle

8. What is Zeta function?

https://en.wikipedia.org/wiki/Riemann\_zeta\_function

9. Explain Bessel function.

https://en.wikipedia.org/wiki/Bessel\_function

10. Try to apply for all grants, scholarships, fellowships, etc. in embassies of USA, Canada, Europe, Australia, Japan, etc.

Deadline is 30.6.2018.