**6 calculus individual task:**

Edited at 6am 6 August 2017.

s is your student number. k = s mod 10000. T = s mod 100. m = s mod 35. a = s mod 25.

L = s mod 10. $d\_{2}=\frac{T-L}{10}$. e = s mod 8. m7 = s mod 7. m6 = s mod 6. m5 = s mod 5. m4 = s mod 4.

m3 = s mod 3. m2 = s mod 2. u = s + 10000.

Optimization:

1. Find the maximum of $f\left(x\right)= \frac{x}{\left(x+e\right)^{2}}$

Previous tasks:

2. Improve your answers to all individual tasks and revision papers, and resubmit them.

Projects:

3. Improve your project.

**Deadline: as soon as possible.**