

CALCULUS 1.01
Presented by Drop Soft

CALCULUS is a WINDOWS application that visually and numerically shows the procedures as well as the results of numerical methods. CALCULUS was written especially for the college students who are majoring in Computer Science.

I. Features.

1. Differentiation: CALCULUS Differentiate functions with the rule $-f'(x)=(f(x)-f(x-h))/h$. Here, the users are able to define the h interval so that they can examine how the answer varied according to h.
2. Integration : CALCULUS has five methods of Integration. They are left, right, middle hand, and Trapezoid, and Simpsons' Methods. The users can define the method to integrate functions. Also, the users can define h interval.
3. Finding Roots : CALCULUS supports two methods that are Newton's and bisection methods.
4. Blowing up : Using mouses, the users can magnify a certain area in order to examine closely.
5. Accuracy : The users can limit the decimal digits in all the calculations so that they can compare the difference that come from the accuracy of the real numbers.

CALCULUS might not be perfect like other free wares. Drop Soft wants to hear from the users. If you are not satisfied with this program or have any comments, please write or call Drop Soft.

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