$$f(x) = 25 |0(|x/2, 8x|^{6}) - 5,81x - 335$$

$$f'(x) = \frac{4769}{-15x + 4300} - 5,81$$

$$f(0) = -335$$

$$f(0) = 2.112499$$

$$f(x_{n-1}) - f(0) = 2.11249$$

$$f(x_{n-1}) - f(0) = 2.11249$$

$$f(x_{n-1}) - f(0) = 2.11249$$

$$f(x_{n-1})$$

 $\begin{array}{l} x_{n} = x_{n-1} - \underbrace{f(x_{n-1})}_{f(x_{n-1})} \\ + (x_{n}) \approx f(x_{n-1}) + f'(x_{n-1})(x_{n} - x_{n-1}) \end{array}$

①
$$X_{n-1} = X_3 = 84$$
, $\{869\}$ $f(x_3) = 129$, 82069
 $X_n = X_4 = X_5 - \frac{f(x_3)}{f'(x_3)}$ $f'(x_3) = 10$, 95678
 $X_4 = 84$, $18603 - \frac{120}{9}$, $82069 = 34$, $18603 - 12$, 101361
 $X_7 = 72$, 17242 $f(x_4) = 10$, 167601
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= 70, 88/08- 0,013/02

X,= 70, 89/08- 1,6698 8,16541

X, = 70. 87787

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