$$z^{7}+(2^{6}\times 0)+2^{5}+2^{4}+2^{3}+(0\times 2^{2})+(0\times 2^{4})+2^{6}=185$$

$$z^{-1}+(0\times 2^{-2})+2^{-3}+(0\times 2^{-4})+(2^{-5})+2^{-6}+2^{-7}+(0\times 2^{-8})+2^{-9}$$

$$=0.681640625$$

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$$= 613$$

$$(0\times2^{-1}) + (2^{-2}) + 2^{-3} + (0\times2^{-4}) + 2^{-5} = 0.40625$$

(100.01)10 100/2 = 0 | 5/2 = 0 | 25/2 + 1 | 13/2 + 0 | 1/2 + 0 | 3/2 + 1 | 1/2 = 1 100100 100 x x 201 100100 1.12+2+01 102-2-20 108*2+0 16×2+0 1.28*2 10 1. Any = 1100100.0000001010 6470 3270 1670 870 470 270 170 -> 1000000 162571 102570 571 101 1000000.101 111 (25)10 25+1 12-0 6+0 3+1 171 11001 = AM

500

B
$$Z = 5x + 7y$$
 | $f(x) = x*(1+5x)$ | $f(y) y (1+5y)$ | $f(z) = f(5f(x) + 7f(y))$ | $f(z) = f(5x(1+5x)) + (7y(1+5y))$ | $f(z) = (5x(1+5x)) + (7y(1+5y))$ | $f(z) = (5x(1+5x)) + (5x(5x+5z)) + (7y(5y+5z))$ | Als Entron = $f(z) - z$ | $f(z) = z$ | $f(z) =$

(i)
$$\frac{1}{3} + \frac{3}{4} = 0.33333340.75 = 1.0833333....$$

$$\frac{1}{3} - \frac{100}{301} = 0.33333 - 0.332226 = 0.001107$$

$$b'(x) \approx D_h(x) = \frac{1}{2h} \left[-3f(x) + 4f(x+h) - f(x+2h) \right]$$

$$f(x+h) = f(x) + hf'(x) + h^2f(x) + h^3 f''(0) - - + Ch^3$$
APATORE

$$D_{h}(\omega) = \frac{1}{2h} \left[-3f(x) + \left[4f(x) + 4hf'(x) + \frac{4h^{2}f'(x)}{2h} \right] - \left[f(x) + 2hf'(x) + \frac{4h^{2}f'(x)}{2h} \right] \right]$$

$$D_h(x) = f'(x) + (h^2)$$
 $D_h(x) - f'(x) \approx (h^2)$