Bisedion Method. $f(x) = (x-3)^2 - 2$ f(m) (b) f(x)= x2-6x+9-2 $= \chi^2 - 6 \times +7$ x2-6x+7=0 def bisection (f, a, b): Sign (Cm) + Sign (Fl) it (it (w) t (p) < 0) f(m)f(b)<0 a, b > [m, b] [a, b] > [a, m] else: a = a · ρ= m retions as b a1 25 b1 b0 get 100+ (it, a)p) bn- an> 0 $\mathcal{L}_{0} \circ \mathcal{O}_{0} \circ \mathcal{O}_{0} \circ \mathcal{O}_{0} = 3$ an rais while (b-a) E) [7 [m, b] 7 [m, b] return α

get Lort (t, n)p) 1 = 0.00000 for (i in range (10)) a, b = bisection(f, a,b) retuin a Neuton Raphson $\chi^{u_{1}} = \chi^{u} - \frac{f(\chi^{u})}{f(\chi^{u})}$ ナバメリナ (xn) P(xm) (xn) = f(xn) Xn-Xnti f(xn) - xn - xn+1 ti(XV) $\chi_{n+1} = \chi_n - \frac{f(\chi_n)}{f'(\chi_n)}$