$$f(x) = 0$$

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$$\frac{f(a)f(b)<0}{P_{i}=\frac{a_{i}+b_{i}}{2}}$$

$$\int (a_2) + (b_2) < 0$$

$$\sim \frac{1}{2}$$

$$\frac{f(a) f(b) < 0}{P_{1} = \frac{a_{1} + b_{1}}{2}} = \frac{f(a) f(p) < 0}{4a_{2} = a_{1}}$$

$$\frac{f(a) f(b) < 0}{Aa_{2} = a_{1}}$$

$$\frac{b_{2} = P_{1}}{b_{3} + a_{2}}$$