Approaches (Regula-Falsi)
-Bracketing - Bisection
Approaches — (Regula-Falsi) — Bisection — False Position
-Graphicul
-Open Methods - Newton Raphson - Secant
- Secant
The Bisection Method (=1); (=1)
\circ Pick X_{\perp} X_{ν} , if $f(X_{\perp}) \times f(X_{\nu}) < 0$,
then they bound the voot.
J
巴查看 f[(Xz+Xw)/2] 的符号。
(3) Find the pair. 3.1. if $f(X_1) \times f(X_1 + X_0)/21 < 0$
Xv=(Xt Xv)/2, 叠代到②.
else, XI = (XI+ XU) /2> & ~
当 +(XI) x + ((XI + Xv) 12 1 こ o. Yout is (XI+ Xv)
<u> </u>
Ots Be criterion Es to approximate percent relative error Ea.
しる En < Es, stop.
32) repeat

$$\frac{\left|\begin{array}{c|c} X_{I} - \frac{X_{I} + X_{V}}{2} \\ \hline \\ X_{I} + X_{V} \\ \hline \end{array}\right| < |06|/0$$

乙分比 about ervor