18.
$$Qt(X) = X^3 - Q$$
, $Q1f'(X) = 3X^2$, $X_{KH} = X_K - \frac{\frac{1}{2} - Q}{3X_K^2} = \frac{2}{3} X_K + \frac{2}{3X_K}$
 $Q(X) = \frac{2}{3} X + \frac{2}{3X_K}$, $Q1Q'(X) = \frac{2}{3} + \frac{2}{3}(-2)\frac{1}{2}$, $Q1Q'(X_0) = 0$
故该连代至" $j = |M| 局部收敛$

21.
$$2f(x) = \frac{1}{x^2} - 01$$
, $f(x) = -2x^{-3}$, $\sqrt{|x|} = x_{|x|} - \frac{f(x)}{f(x)}$
 $= x_{|x|} - \frac{1}{x^2} - 01$
 $= x_{|x|} - \frac{1}{x^2} - 01$