







to solve for top and or in Equetion we expend it form its rector form

Xe + +xa= Xa +p(xb-xa)+f(xc-xa) Ye + tyd = ya + p(yb + yn) + b (yc-fa) Le + +2d = 2a + p(2b - 2d+1) (2c - 2a)

fastest classic method to solve is cramer's rule

Ka-xb Ka-xe Ka-xe ya-ys ya-yc ya-ye Za-ze Za-ze
1A1

where matrix A =
\[
\begin{align*} \text{Xa-Xb} & \text{Xa-Xc} & \text{Xel} & \text{and} & \text{Al denotes} \\
\text{ya-yb} & \text{ya-yc} & \text{yd} & \text{the determinat of} \\
\text{Za-Zb} & \text{Za-Zc} & \text{Zd} & \text{A} \end{align*}

linear systems with duny vornaistes

[a & 9] [b] = [b] - [b]

