Solution0

X0 = 0

Y0 = 0

Solution1

X1 = 1/(2*Ey*Ty-Ey^2+Sy^2-2*Sy*Ty)*(-(2*Ey*Ty-Ey^2+Sy^2-2*Sy*Ty)*(-Ex^2*Sy^2+2*Ex^2*Sy*Ty-Ex^2*Ty^2+Sx^2*Ty^2+2*Ex*Tx*Sy^2-4*Ex*Tx*Sy*Ty+2*Ex*Tx*Ty^2-2*Ey^2*Sx*Tx-Tx^2*Sy^2+2*Tx^2*Sy*Ty+Ey^2*Sx^2-2*Tx^2*Ey*Ty+Tx^2*Ey^2-2*Ey*Ty*Sx^2+4*Ey*Ty*Sx*Tx-2*Sx*Tx*Ty^2))^(1/2)

Y1 = 1/(-Ex^2+2*Ex*Tx+Sx^2-2*Sx*Tx)*((-Ex^2+2*Ex*Tx+Sx^2-2*Sx*Tx)*(-Ex^2*Sy^2+2*Ex^2*Sy*Ty-Ex^2*Ty^2+Sx^2*Ty^2+2*Ex*Tx*Sy^2-4*Ex*Tx*Sy*Ty+2*Ex*Tx*Ty^2-2*Ey^2*Sx*Tx-Tx^2*Sy^2+2*Tx^2*Sy*Ty+Ey^2*Sx^2-2*Tx^2*Ey*Ty+Tx^2*Ey^2-2*Ey*Ty*Sx^2+4*Ey*Ty*Sx*Tx-2*Sx*Tx*Ty^2))^(1/2)

Solution2

X2 = -1/(2*Ey*Ty-Ey^2+Sy^2-2*Sy*Ty)*(-(2*Ey*Ty-Ey^2+Sy^2-2*Sy*Ty)*(-Ex^2*Sy^2+2*Ex^2*Sy*Ty-Ex^2*Ty^2+Sx^2*Ty^2+2*Ex*Tx*Sy^2-4*Ex*Tx*Sy*Ty+2*Ex*Tx*Ty^2-2*Ey^2*Sx*Tx-Tx^2*Sy^2+2*Tx^2*Sy*Ty+Ey^2*Sx^2-2*Tx^2*Ey*Ty+Tx^2*Ey^2-2*Ey*Ty*Sx^2+4*Ey*Ty*Sx*Tx-2*Sx*Tx*Ty^2))^(1/2)

Y2 = 1/(-Ex^2+2*Ex*Tx+Sx^2-2*Sx*Tx)*((-Ex^2+2*Ex*Tx+Sx^2-2*Sx*Tx)*(-Ex^2*Sy^2+2*Ex^2*Sy*Ty-Ex^2*Ty^2+Sx^2*Ty^2+2*Ex*Tx*Sy^2-4*Ex*Tx*Sy*Ty+2*Ex*Tx*Ty^2-2*Ey^2*Sx*Tx-Tx^2*Sy^2+2*Tx^2*Sy*Ty+Ey^2*Sx^2-2*Tx^2*Ey*Ty+Tx^2*Ey^2-2*Ey*Ty*Sx^2+4*Ey*Ty*Sx*Tx-2*Sx*Tx*Ty^2))^(1/2)

Solution3

X3 = 1/(2*Ey*Ty-Ey^2+Sy^2-2*Sy*Ty)*(-(2*Ey*Ty-Ey^2+Sy^2-2*Sy*Ty)*(-Ex^2*Sy^2+2*Ex^2*Sy*Ty-Ex^2*Ty^2+Sx^2*Ty^2+2*Ex*Tx*Sy^2-4*Ex*Tx*Sy*Ty+2*Ex*Tx*Ty^2-2*Ey^2*Sx*Tx-Tx^2*Sy^2+2*Tx^2*Sy*Ty+Ey^2*Sx^2-2*Tx^2*Ey*Ty+Tx^2*Ey^2-2*Ey*Ty*Sx^2+4*Ey*Ty*Sx*Tx-2*Sx*Tx*Ty^2))^(1/2)

Y3 = -1/(-Ex^2+2*Ex*Tx+Sx^2-2*Sx*Tx)*((-Ex^2+2*Ex*Tx+Sx^2-2*Sx*Tx)*(-Ex^2*Sy^2+2*Ex^2*Sy*Ty-Ex^2*Ty^2+Sx^2*Ty^2+2*Ex*Tx*Sy^2-4*Ex*Tx*Sy*Ty+2*Ex*Tx*Ty^2-2*Ey^2*Sx*Tx-Tx^2*Sy^2+2*Tx^2*Sy*Ty+Ey^2*Sx^2-2*Tx^2*Ey*Ty+Tx^2*Ey^2-2*Ey*Ty*Sx^2+4*Ey*Ty*Sx*Tx-2*Sx*Tx*Ty^2))^(1/2)

Solution4

X4 = -1/(2*Ey*Ty-Ey^2+Sy^2-2*Sy*Ty)*(-(2*Ey*Ty-Ey^2+Sy^2-2*Sy*Ty)*(-

Ex^2*Sy^2+2*Ex^2*Sy*Ty-Ex^2*Ty^2+Sx^2*Ty^2+2*Ex*Tx*Sy^2-
4*Ex*Tx*Sy*Ty+2*Ex*Tx*Ty^2-2*Ey^2*Sx*Tx-
Tx^2*Sy^2+2*Tx^2*Sy*Ty+Ey^2*Sx^2-2*Tx^2*Ey*Ty+Tx^2*Ey^2-
2*Ey*Ty*Sx^2+4*Ey*Ty*Sx*Tx-2*Sx*Tx*Ty^2))^(1/2)

Y4 = -1/(-Ex^2+2*Ex*Tx+Sx^2-2*Sx*Tx)*((-Ex^2+2*Ex*Tx+Sx^2-2*Sx*Tx)*(-
Ex^2*Sy^2+2*Ex^2*Sy*Ty-Ex^2*Ty^2+Sx^2*Ty^2+2*Ex*Tx*Sy^2-
4*Ex*Tx*Sy*Ty+2*Ex*Tx*Ty^2-2*Ey^2*Sx*Tx-
Tx^2*Sy^2+2*Tx^2*Sy*Ty+Ey^2*Sx^2-2*Tx^2*Ey*Ty+Tx^2*Ey^2-
2*Ey*Ty*Sx^2+4*Ey*Ty*Sx*Tx-2*Sx*Tx*Ty^2))^(1/2)