

PT2LINE.FXI

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Lb1 3
Norm
ClrText
"    MENU:"
"[1] NEW LINE"
"[2] NEW PT  "?→W
If W=1
Then Goto 1
IfEnd
If W=2
Then Goto 2
IfEnd
Goto 3
Lb1 1
ClrText
"X1"?→A:"Y1"?→B:"Z1"?→C
ClrText
A+0.0000001→A
B+0.0000001→B
C+0.0000001→C
"X2"?→D:"Y2"?→E:"Z2"?→F
Lb1 2
ClrText
"X3"?→G:"Y3"?→H:"Z3"?→I
ClrText
"Wait..."
O→J:O→K:O→L:D→A:M→E:B→N:F→C:P→G:A→Q:H→B→R:I→C→S
Pol(N,M)
List Ans[1]→M
List Ans[2]→Z:Z→90→Z
Q×cos Z→R×sin Z→W:Q×sin Z→R×cos Z→R:W→Q:O→N
Pol(P,M)
List Ans[1]→M
List Ans[2]→Y:-1×(90-Y)→Y
Q×cos Y→S×sin Y→W:Q×sin Y→S×cos Y→S:W→Q:O→P
Pol(S,R)
List Ans[2]→X:-1×(270-X)→X
R×cos X→S×sin X→W:R×sin X→S×cos X→S:W→R:O→S
Q→T:O→U:O→V
-1×X→X:-1×Y→Y:-1×Z→Z
U×cos X→V×sin X→W:U×sin X→V×cos X→V:W→U
T×cos Y→V×sin Y→W:T×sin Y→V×cos Y→V:W→T
T×cos Z→U×sin Z→W:T×sin Z→U×cos Z→U:W→T
T+A→T:U+B→U:V+C→V
√((T-G)²+(U-H)²+(V-I)²)→O
Fix 3
ClrText
"Xo:"
T↵
"Yo:"
U↵
ClrText
"Zo:"
V↵
"DIST:"
O↵

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ClrText
Goto 3