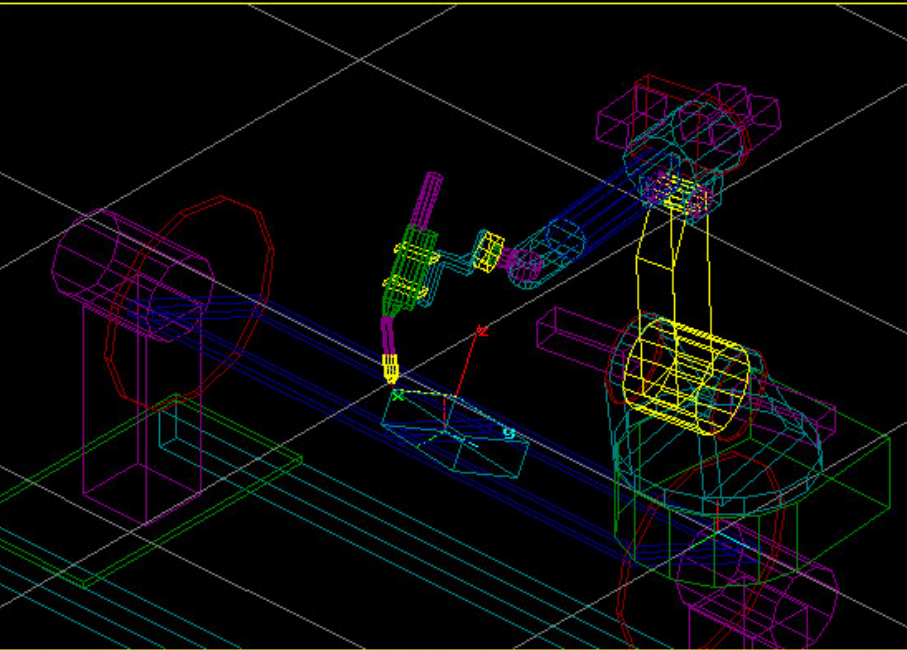


Robot3D

ROBOT OFFLINE PROGRAMMING SYSTEM

Robot3D (c) OFF-LINE PROGRAMMING SYSTEM 4.0 100%

APPLIC	DISPLAY	UTILITY	PROGRAM	COORD	INTERP	SETTINGS	RS232
LIN X	200.0,Y	0.0,Z	0.0,A	124.987,B	67.986,C	-90.022	



TIME 00:41:71 00:30 DATA: WRIST: G-RPY W_CTRL A X 200.0 A 0.080
SP: NPNPPN 26 PROG: ABB1 .R3D SLIDE: anim AUT Y -0.0 B 0.621
Paused Z -0.0 C 0.338 D -0.703

PROGRAM:

LOCATION:

SAVE

RETRIEVE

ERASE

TRACE

LOC2PRG

TASK

SELECT

RUN

LIST

PRINT

EDIT

P/STOP

CHDIR

CONVERT

IRDATA

ABB_S3

ABB_S4

1 -10.1
2 3.3
3 -8.1
4 97.7
5 81.2
6 -110.0

```
FILE MOTION LOGIC SIGNAL OBJECT ABB1.PRG
PRINT "ABB1.PRG"
PRINT "EXEMPLO DE UTILIZACAO DE FRAMES"
PTP X+1009.5,Y-200.0,Z+1048.5,A+0.008,B+87.001,C+90.008,30
LOAD OBJ "box"
ATTACH EXT LINK 0,2
OBJ_OFF 0,0,0,0,0,15,90
HOME
PPA R+0,S+0,T+0,U+0,V+0,W+0
ZOF 0
PTP X+1009.5,Y-200.0,Z+1048.5,A+0.008,B+87.001,C+90.008,30
ZOF 9
GOSUB 50
ZOF 0
PTP X+1009.5,Y-200.0,Z+1048.5,A+0.008,B+87.001,C+90.008,30
PPA R+25,S+0,T+0,U+0,V+0,W+0
ZOF 8
GOSUB 50
ZOF 0
END
50 PRINT "sub50"
PTP X+0,Y+0,Z+0,A+180,B+90,C+90,30
LIN X+200,Y+0,Z+0,A+180,B+90,C+90,30
MENU: ALT+KEY OUR 10768 free 0001:01
```



NEUTRAL LANGUAGE

LISTING - ABB1.IRB

```
0 UNIT = METRIC
1 INCLUDE ABB1.CRD
2
3
4 PROGRAM 1000
5
6 10COMMENT ABB1.PRG
7 20COMMENT EXEMPLO DE UTILIZACAO DE FRAMES
8 30POS U=100.0% FINE #1
9 40POS U=100.0% FINE #2
10 50FRAME 0
11 60POS U=100.0% FINE #3
12 70FRAME 9
13 80CALL PROG 50
14 90FRAME 0
15 100POS U=100.0% FINE #4
16 110POS U=100.0% FINE #5
17 120FRAME 8
18 130CALL PROG 50
19 140FRAME 0
```

OFFLINE PROGRAM (s3)