


RAFSANCHEZC-FALPOSITION v 1.0



```
DEG XYZ DEC C= 'X'      HLT  
{HOME FALPOS}          05 36 OCT:14  
10:  
9:  
8:  
7: A = :9  
6: B = :10.064516129  
5: C = :15  
4: FA = :(-16.5)  
3: FB = :(-5.2539021855)  
2: FC = :76.5  
1: ER = :1.064516129  
ER  FB  B  FC  FA  X
```

All rights reserved by RAFAEL SANCHEZ CRESPO

RaSaCre

RAFSANCHEZC-FALPOSITION v 1.0

RAFSANCHEZC-FALSE POSITION METHOD v 1.0

RAFSANCHEZC-FALPOSITION v 1.0 is a USER-RPL program designed by Rafael Sanchez Crespo.

This program calculates the root of any equation using the numerical method "False Position Method".

Store the function without the "f(x)=" characters, in the 'F' variable available on screen.

Enter to the stack the first and second X coordinate respectively, and the error of tolerance acceptable. For example, 3 9 0.001 being the 3 9 the x coordinate and 0.001 the error of tolerance.

Then press PRG, if you need to do a table of the operations the calculator is doing copy the values that will start appearing on screen and when finish press continue.

Screen shots presented while the program was running.

```
DEG XYZ DEC C= 'X'
{HOME FALPOS} 05:26 OCT:14
9:
8:
7:
6:
5:
4:
3:
2: X^2-8.5X-21
1: 'F'
F PRG
```

```
DEG XYZ DEC C= 'X'
{HOME FALPOS} 05:27 OCT:14
10:
9:
8:
7:
6:
5:
4:
3: 9
2: 15
1: .001
F PRG
```

```
DEG XYZ DEC C= 'X' HLT
{HOME FALPOS} 05:36 OCT:14
10:
9:
8:
7: A = :9
6: B = :10.064516129
5: C = :15
4: FA = :(-16.5)
3: FB = :(-5.2539021855)
2: FC = :76.5
1: ER = :1.064516129
ER FB B FC FA X
```

Wait for the next version of RAFSANCHEZC-FALPOSITION, will come with more features and will be made in SYSRPL mode.

All comments can be forwarded to my email rasanchezc1984@yahoo.com, with the name of the program "RAFSANCHEZC-FALPOSITION v 1.0" as the subject of the email.

All Right Reserved by RAFAEL SANCHEZ CRESPO

RaSa Cre