Small Documentation

Here is how it should work :

----------------------------------------------------------------

    Hello, this is Spin Free GWT expression generator.

    Currently it is designed to only work with 2 normal ordered strings. So Ignore the menu

-------------------------------------------------------

            MENU

1 - Single string EWT generator

2 - Two normal ordered strings EWT generator

3 - Commutator type two string EWT generator

2

Enter Operator 1 : Input the upper indices of E E(a,b,c)\_(e,f,g)

(i,j..-holes; u,v...-active; a,b...-excited;)

Example : uv

Operator string: u

input the lower indices of E E(a,b,c)\_(e,f,g)

(i,j..-holes; u,v...-active; a,b...-excited; )

Example : uv

Operator string: v

Enter Operator 2 : Input the upper indices of E E(a,b,c)\_(e,f,g)

(i,j..-holes; u,v...-active; a,b...-excited;)

Example : uv

Operator string: w

input the lower indices of E E(a,b,c)\_(e,f,g)

(i,j..-holes; u,v...-active; a,b...-excited;)

Example : uv

Operator string: x

[[g, e], [l]] [[1, 0.5], [1, 1.0]]

The last line is the output, but for a detailed expression, open tec.txt generated.

Entered Information :

1. Enter 2 as it is only doing a contraction of 2 normal ordered operators only.
2. Enter the upper string (daggered part ) of the first operator. Eg uvw
3. Enter lower string (undaggered part) of the first operators Eg xyz
4. Repeat for second operator
5. Repeat

Indeces :

U v w x y z o t : active

A b c d e f g h : particles

I j k l m n : holes