

25b. Comparison of Tables 4.3 and 4.14

IF(jr, nur)

In[*]:= {2 jr, 0, Infinity, nul - 1} == {2 jr, 0, Infinity, (jr - nur)/2 - 1} /. sub2p // Simplify

Out[*]:= True

IF(jr, 0)

In[*]:= {2 jr, 0, Infinity, nul - 1} == {2 jr, 0, Infinity, (jr / 2) - 1} /. sub2p /. sub2r /. nur → 0 // Simplify

Out[*]:= True

IF(jr, -jr)

In[*]:= {2 jr, 0, Infinity, jr - 1} == {2 jr, 0, Infinity, jr - 1}

Out[*]:= True

IF+(jr, -nur)

In[*]:= {-jl, nul, Infinity, nur - 1} == {(jr + 3 nur)/2, (jr - nur)/2, Infinity, nur - 1} /. sub2p /. sub2r // Simplify

Out[*]:= True

FI(jl, nul)

In[*]:= {2 jl, 0, nur - 1, Infinity} == {2 jl, 0, -(jl + nul)/2 - 1, Infinity} /. sub2p // Simplify

Out[*]:= True

FI(jl, 0)

In[*]:= {2 jl, 0, nur - 1, Infinity} == {2 jl, 0, -(jl / 2) - 1, Infinity} /. sub2p /. sub2l /. nul → 0 // Simplify

Out[*]:= True

In[*]:=

FI(jl, jl)

In[*]:= {2 jl, 0, Abs[jl] - 1, Infinity} == {2 jl, 0, -jl - 1, Infinity} /. Abs[jl] → -jl

Out[*]:= True

$Fl_+(jl, -nul)$

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In[ ]:= {-jr, nur, nul - 1, Infinity} == {(-3 nul + jl)/2, -(nul + jl)/2, nul - 1, Infinity} /. sub2p //  
Simplify
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Out[]:= True