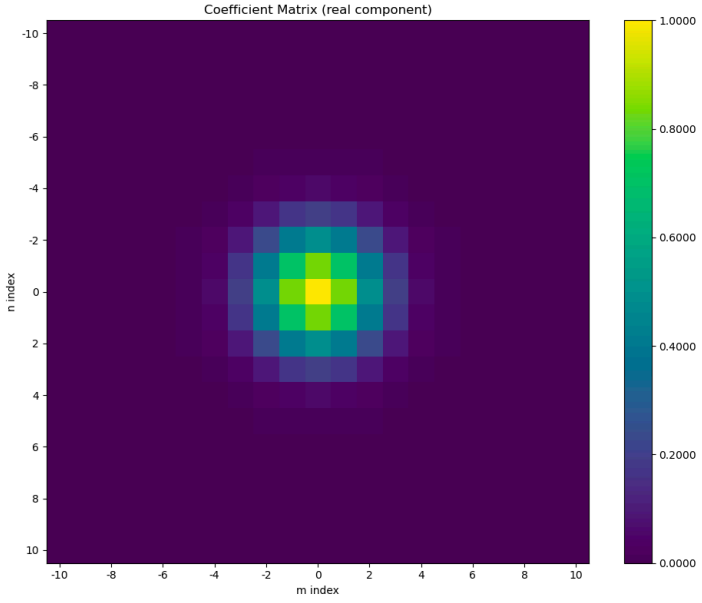
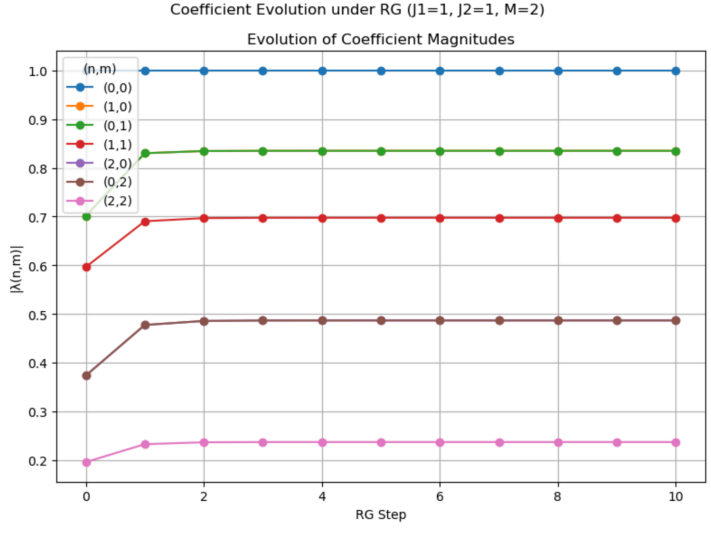
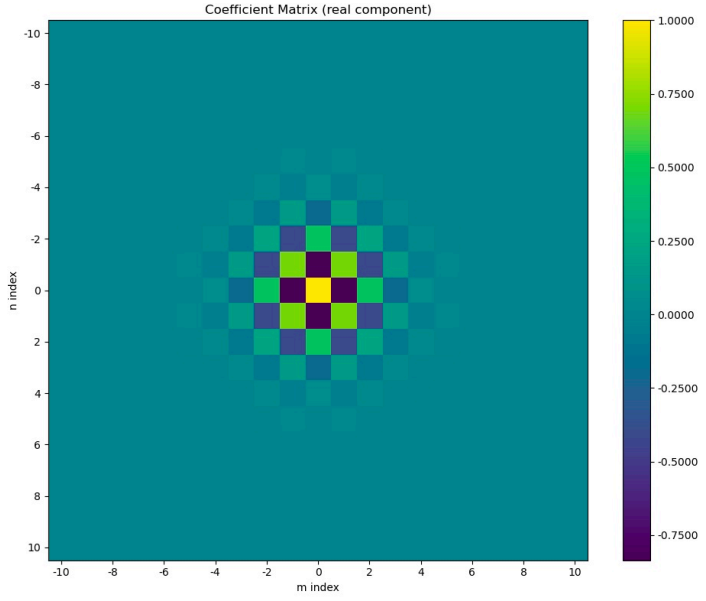
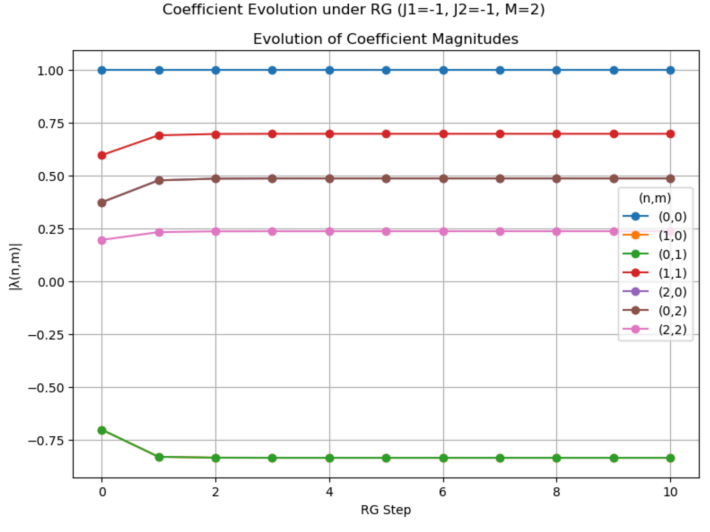
J = 1, M = 2


Coefficient Matrix (real component)
n index
m index

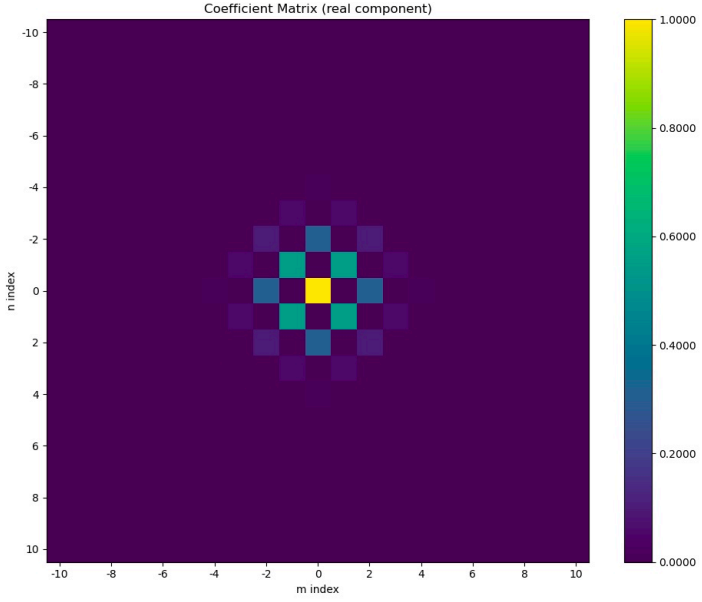

Coefficient Evolution under RG (J1=1, J2=1, M=2)
Evolution of Coefficient Magnitudes
(n,m)
(0,0)
(1,0)
(0,1)
(1,1)
(2,0)
(0,2)
(2,2)
|λ(n,m)|
RG Step

J = -1, M = 2

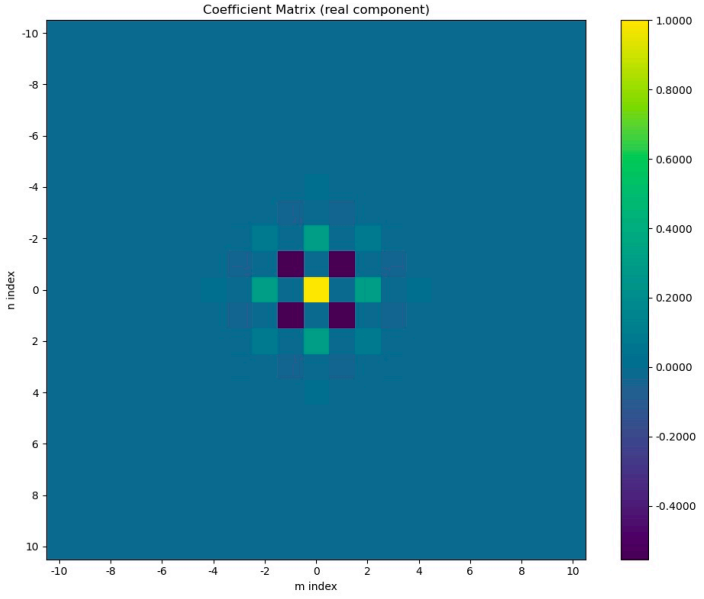

Coefficient Matrix (real component)
n index
m index

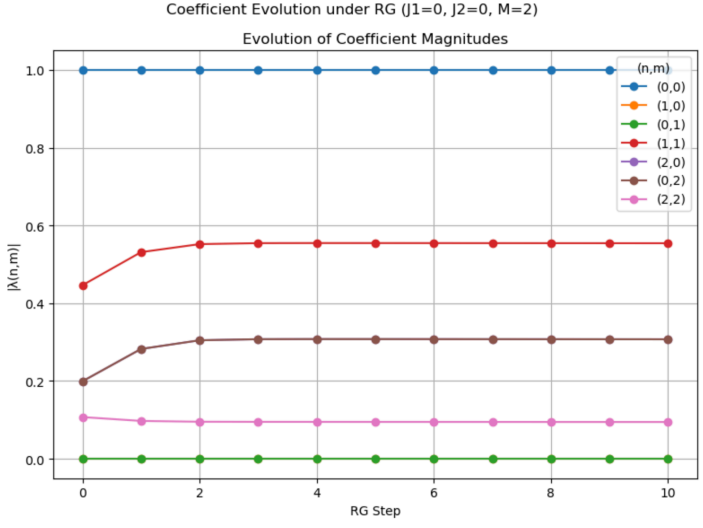

Coefficient Evolution under RG (J1=-1, J2=-1, M=2)
Evolution of Coefficient Magnitudes
(n,m)
(0,0)
(1,0)
(0,1)
(1,1)
(2,0)
(0,2)
(2,2)
|λ(n,m)|
RG Step

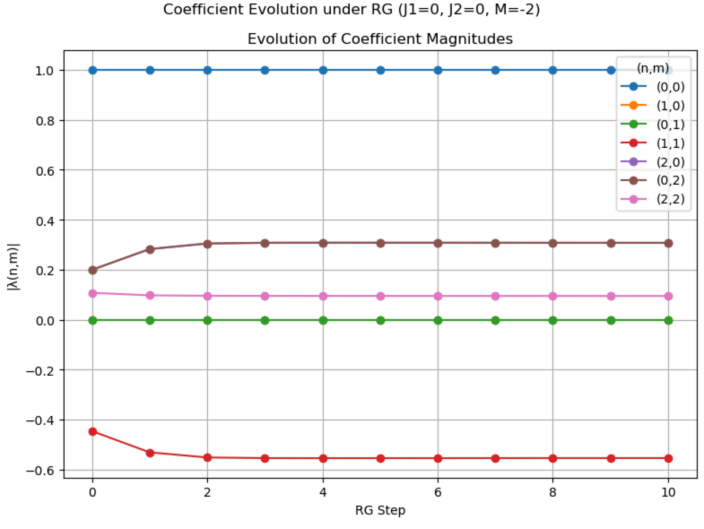
J = 0, M = 2

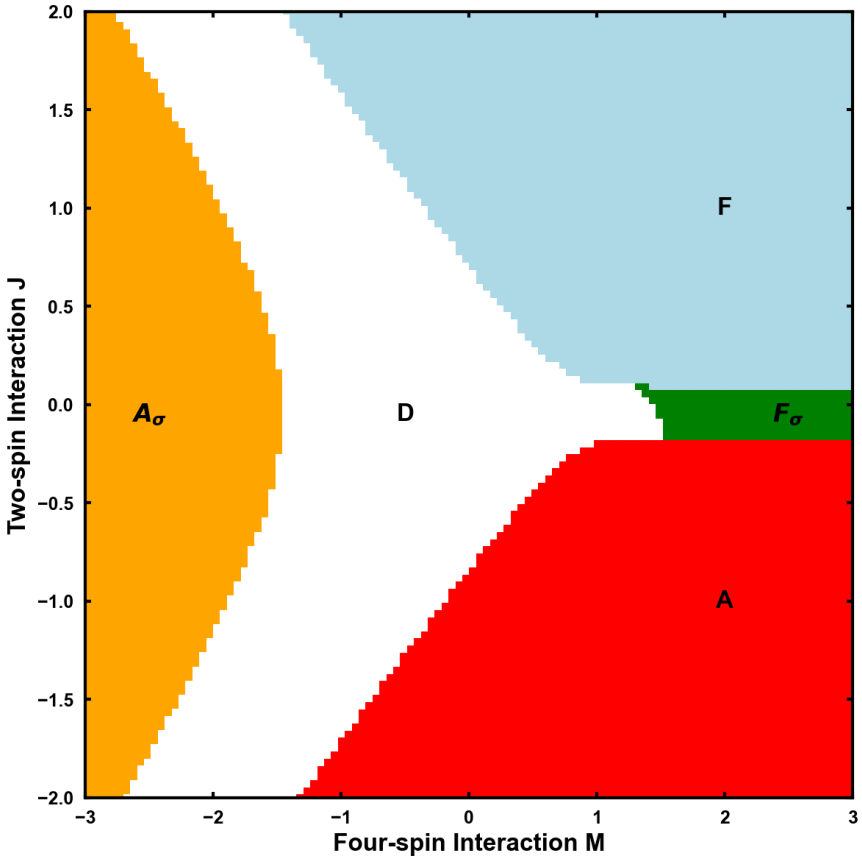

Coefficient Matrix (real component)
n index
m index

J = 0, M = -2


Coefficient Matrix (real component)
n index
m index


Coefficient Evolution under RG (J1=0, J2=0, M=2)
Evolution of Coefficient Magnitudes
|λ(n,m)|
RG Step
(n,m)
(0,0)
(1,0)
(0,1)
(1,1)
(2,0)
(0,2)
(2,2)


Coefficient Evolution under RG (J1=0, J2=0, M=-2)
Evolution of Coefficient Magnitudes
|λ(n,m)|
RG Step
(n,m)
(0,0)
(1,0)
(0,1)
(1,1)
(2,0)
(0,2)
(2,2)


2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−3
−2
−1
0
1
2
3
Two-spin Interaction J
Four-spin Interaction M
F
D
A
A_σ
F_σ