```
PrependTo [$Path , "D:\\Users \\ Johannes \\ Promotion \\ Mathematica \\ Packages "]; << JoFin`</pre>
MatrixForm /@ MM2[{1, 2, 3}, {{5, 2, 3, 4, 5}, {4, 2, 3, 4, 5}, {3, 2, 3, 4, 5}}]
                                              0 S[2] \sigma[2] 0 0 0
  r S[2]
GFK[V, S, MM2[{1, 2, 3}, {{5, 2, 3, 4, 5}, {4, 2, 3, 4, 5}, {3, 2, 3, 4, 5}}]]
3 V^{(0,0,0,0,0,1)}[t, S[1], S[2], S[3], S[4], S[5]] +
 2V^{(0,0,0,0,1,0)}[t,S[1],S[2],S[3],S[4],S[5]] +
 V^{(0,0,0,1,0,0)}[t,S[1],S[2],S[3],S[4],S[5]] +
 rS[2]V^{(0,0,1,0,0,0)}[t,S[1],S[2],S[3],S[4],S[5]] +
 rS[1]V^{(0,1,0,0,0,0)}[t,S[1],S[2],S[3],S[4],S[5]]+
 \frac{1}{2} (63 V (0,0,0,0,0,0) [t, S[1], S[2], S[3], S[4], S[5]] +
    12 \rho [1, 2] V^{(0,0,0,0,0,0,2)} [t, S[1], S[2], S[3], S[4], S[5]] +
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132 V^{(0,0,0,0,1,1)}[t, S[1], S[2], S[3], S[4], S[5]] + 28 \rho[1, 2] V^{(0,0,0,0,1,1)}[t, S[1], S[1], S[1]]
      S[2], S[3], S[4], S[5]] + 70 V^{(0,0,0,0,2,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    16 \rho[1, 2] V^{(0,0,0,0,2,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    138 V^{(0,0,0,1,0,1)}[t, S[1], S[2], S[3], S[4], S[5]] +
    32 \rho[1, 2] V^{(0,0,0,1,0,1)} [t, S[1], S[2], S[3], S[4], S[5]] +
    148 V^{(0,0,0,1,1,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    36 \rho[1, 2] V^{(0,0,0,1,1,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    79 V^{(0,0,0,2,0,0)}[t,S[1],S[2],S[3],S[4],S[5]] +
    20 \rho [1, 2] V^{(0,0,0,2,0,0)} [t, S[1], S[2], S[3], S[4], S[5]] +
    4 S[2] \sigma[2] V^{(0,0,1,0,0,1)}[t, S[1], S[2], S[3], S[4], S[5]] +
    6 S[2] \rho[1, 2] \sigma[2] V^{(0,0,1,0,0,1)} [t, S[1], S[2], S[3], S[4], S[5]] +
    4\,{\tt S[2]}\,\,\sigma[2]\,\,{\tt V}^{\,\left(0,0,1,0,1,0\right)}[{\tt t}\,,\,{\tt S[1]}\,,\,{\tt S[2]}\,,\,{\tt S[3]}\,,\,{\tt S[4]}\,,\,{\tt S[5]}]\,+
    8 S[2] \rho[1, 2] \sigma[2] V^{(0,0,1,0,1,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    4S[2] \sigma[2] V^{(0,0,1,1,0,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    10 S[2] \rho[1, 2] \sigma[2] V^{(0,0,1,1,0,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    S[2]^2 \sigma[2]^2 V^{(0,0,2,0,0,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    6 S[1] \sigma[1] V^{(0,1,0,0,0,1)}[t, S[1], S[2], S[3], S[4], S[5]] +
    4 S[1] \rho[1, 2] \sigma[1] V^{(0,1,0,0,0,1)}[t, S[1], S[2], S[3], S[4], S[5]] +
    8 S[1] \sigma[1] V^{(0,1,0,0,1,0)}[t,S[1],S[2],S[3],S[4],S[5]] +
    4 S[1] \rho[1, 2] \sigma[1] V^{(0,1,0,0,1,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    10 S[1] \sigma[1] V^{(0,1,0,1,0,0)} [t, S[1], S[2], S[3], S[4], S[5]] +
    4 S[1] \rho[1, 2] \sigma[1] V^{(0,1,0,1,0,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    2 S[1] S[2] \rho[1, 2] \sigma[1] \sigma[2] V^{(0,1,1,0,0,0)}[t, S[1], S[2], S[3], S[4], S[5]] +
    S[1]^2 \sigma[1]^2 V^{(0,2,0,0,0,0)}[t, S[1], S[2], S[3], S[4], S[5]]) +
V^{(1,0,0,0,0,0)}[t,S[1],S[2],S[3],S[4],S[5]]
```

```
Length [{{r s[1], r s[2], 1, 2, 3}, {{s[1] \sigma[1], 0, 0, 0, 0, 0}, {0, s[2] \sigma[2], 0, 0, 0}, {5, 2, 3, 4, 5}, {4, 2, 3, 4, 5}, {3, 2, 3, 4, 5}, {\{1, \rho[1, 2], 0, 0, 0\}, {\rho[1, 2], 1, 0, 0, 0}, {0, 0, 1, 0, 0}, {0, 0, 0, 1, 0}, {0, 0, 0, 0, 1, 0}, {\{1, \rho[1, 2], 0, 0, 0\}, {\rho[1, 2], 1, 0, 0, 0}, {0, 0, 1, 0, 0}, {0, 0, 0, 1, 0}, {\{0, 0, 0, 0, 1, 0\}, {\{0, 0, 0, 0, 1, 0\}, {\{0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 2], 0, 0, 0, 0\}, {\{0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 2], 0, 0, 0\}, {\{0, 0, 0, 0, 0, 0\}, {\{1, \rho[1, 2], 0, 0, 0\}, {\{0, 0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 2], 0, 0, 0, 0\}, {\{0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 2], 0, 0, 0\}, {\{0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 2], 0, 0, 0\}, {\{0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 2], 0, 0, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 1, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 1, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 1, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 1, 0, 0, 0, 1, 0\}, {\{1, \rho[1, 1], 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0,
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