```
In[•]:= linear = GenDbx[2, {vz, -1877/100 z - 938/100 vz + 536/100 u1 + 469/100 u2,
          -2 z - vz + 1/2 u2, -z}, {z, vz, u1, u2}, Lexicographic, {z, vz, u1, u2}];

In[•]:= linear // Length

Out[•]= 14

In[•]:= linear[[1]] / 10^125 // N // Simplify

Out[•]= -5.21132 u1^2 + 0.214624 u2^2 + 0.131419 u2 vz - 0.534143 vz^2 - 1.27244 u2 z -
        0.979337 vz z + 1.72909 z^2 + u1 (-3.80898 u2 + 5.83535 vz + 15.0162 z)

In[•]:= linear[[2]] / 10^125 // N // Simplify

Out[•]= 1.31988 u1^2 - 0.770285 u2^2 + 0.569732 u2 vz + 0.041812 vz^2 +
        u1 (-0.139783 u2 - 0.831863 vz - 2.80116 z) + 3.30339 u2 z - 0.188717 vz z - 1.72909 z^2

In[•]:= linear[[3]] / 10^125 // N // Simplify

Out[•]= -5.94753 u1^2 + 0.222855 u2^2 + 0.246536 u2 vz - 0.344033 vz^2 - 1.2898 u2 z -
        1.18894 vz z + 1.72909 z^2 + u1 (-3.92687 u2 + 4.01903 vz + 14.9345 z)

In[•]:= linear[[4]] / 10^125 // N // Simplify

Out[•]= 1.1565 u1^2 - 0.741834 u2^2 + 0.915108 u2 vz + 0.0649169 vz^2 +
        u1 (-0.040769 u2 - 1.24237 vz - 2.88279 z) + 3.28602 u2 z - 0.398323 vz z - 1.72909 z^2

In[•]:= linear[[5]] / 10^125 // N // Simplify

Out[•]= 31.2101 u1^2 + 1.3432 u2^2 + 2.66012 u2 vz + 0.172869 vz^2 - 3.65302 u2 z -
        1.75886 vz z + 1.72909 z^2 + u1 (-27.1931 u2 - 4.85767 vz + 19.0546 z)

In[•]:= linear[[6]] / 10^125 // N // Simplify

Out[•]= -0.220388 u1^2 - 0.123081 u2^2 + 0.259424 u2 vz - 0.129193 vz^2 + 0.922806 u2 z -
        0.968237 vz z - 1.72909 z^2 + u1 (-0.329764 u2 + 0.351377 vz + 1.23731 z)

In[•]:= linear[[7]] / 10^95 // N // Simplify

Out[•]= 141.33 u1^2 + 0.390524 u2^2 + 1.49428 u2 vz + 1.42941 vz^2 - 1.64752 u2 z -
        3.15199 vz z + 1.73762 z^2 + u1 (-14.8584 u2 - 28.4266 vz + 31.3419 z)

In[•]:= linear[[8]] / 10^95 // N // Simplify

Out[•]= 6.96035 u1^2 + 4.66558 u2^2 + 0.627713 u2 vz + 0.0211133 vz^2 - 5.69457 u2 z -
        0.383077 vz z + 1.73762 z^2 + u1 (-11.3972 u2 - 0.766697 vz + 6.95542 z)

In[•]:= linear[[9]] / 10^95 // N // Simplify

Out[•]= 0.252764 u1^2 + 0.128432 u2^2 - 0.207265 u2 vz + 0.0836221 vz^2 +
        u1 (0.360349 u2 - 0.290769 vz - 1.32546 z) - 0.944809 u2 z + 0.762374 vz z + 1.73762 z^2

In[•]:= linear[[10]] / 10^95 // N // Simplify

Out[•]= 0.19406 u1^2 + 0.119119 u2^2 - 0.309912 u2 vz + 0.201574 vz^2 +
        u1 (0.304081 u2 - 0.395563 vz - 1.16138 z) - 0.909911 u2 z + 1.18366 vz z + 1.73762 z^2
```

In[•]:= **linear[[11]] // N // Simplify**

Out[•]= 9.01861 u1 − 0.474074 u2 − 0.906985 vz + z

In[•]:= **linear[[12]] // N // Simplify**

Out[•]= 2.00142 u1 − 1.63861 u2 − 0.11023 vz + z

In[•]:= **linear[[13]] // N // Simplify**

Out[•]= − 0.381399 u1 − 0.271868 u2 + 0.219373 vz + z

In[•]:= **linear[[14]] // N // Simplify**

Out[•]= − 0.334187 u1 − 0.261826 u2 + 0.340596 vz + z