

```
adExp[x_][y_] /; SSQ[x] := Expand@Module[{A, b, c},  
  A = Table[Coefficient[B[b, x], c], {c, $Basis}, {b, $Basis}];  
  CF[$Basis.Normal[Series[MatrixExp[A], {ϵ, 0, $k}]]].Table[Coefficient[y, b], {b, $Basis}]]  
]
```