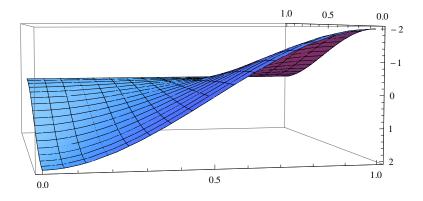
```
h = Flatten[Table[x^n y^m z^1 a^k, \{n, 0, 3\}, \{m, 0, 3\}, \{1, 0, 3\}, \{k, 0, 3\}]];
 \texttt{M} = \texttt{Flatten}[\texttt{Table}[\{\texttt{a},\texttt{b},\texttt{c},\texttt{d}\}, \{\texttt{a},\texttt{0},\texttt{1}\}, \{\texttt{b},\texttt{0},\texttt{1}\}, \{\texttt{c},\texttt{0},\texttt{1}\}, \{\texttt{d},\texttt{0},\texttt{1}\}], \texttt{3}]; 
M // MatrixForm
  0 0 0 0
  0 0 0 1
  0 0 1 0
  0 0 1 1
  0 1 0 0
  0 1 0 1
  0 1 1 0
  0 1 1 1
  1 0 0 0
  1 0 0 1
  1 0 1 0
  1 0 1 1
  1 1 0 0
  1 1 0 1
  1 1 1 0
 (1 1 1 1 )
A[i_{-}] := D[D[D[D[\#, \{x, M[[i, 1]]\}], \{y, M[[i, 2]]\}], \{z, M[[i, 3]]\}], \{a, M[[i, 4]]\}] &
A[2][xy]
0
Co = Inverse [
       Transpose\left[ Flatten\left[ Table\left[ A\left[ j\right] \left[ h\right] \right] /.\ x \rightarrow M\left[ \left[ i\, ,\, 1\right] \right] \right. /.\ y \rightarrow M\left[ \left[ i\, ,\, 2\right] \right] /.\ z \rightarrow M\left[ \left[ i\, ,\, 3\right] \right] /.\
```

 $Plot 3D [h.Sum [Co[[i]] * s[[i]], {i, Length[s]}] /. z \rightarrow zz /. a \rightarrow aa, {x, 0, 1}, {y, 0, 1}]$



 $a \rightarrow M[[i, 4]], \{j, 16\}, \{i, 16\}], 1]]];$

 $s = \{0, 2, 0, 0, 0, -2, 0, 0, 0\}; zz = 0; aa = 1;$