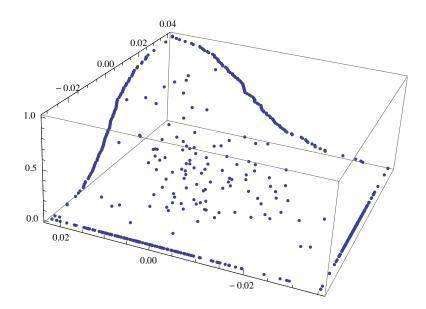
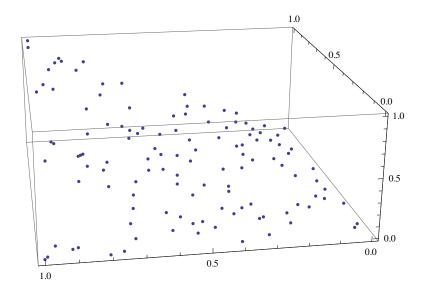
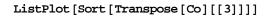
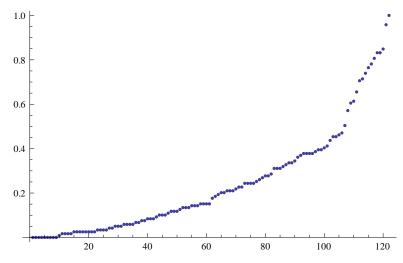
```
Exit[];
hedge = Flatten [Import ["c:\\book1.txt", "Table"], 1][[1;; 120]];
 Length [hedge]
 120
 g = FinancialData["DAX", "1.1.2004"];
 d2 = Transpose[g][[2]][[1 ;; Length[hedge]]];
 dax = Transpose[g][[2]][[1 ;; Length[hedge]]];
 ListPlot[{hedge, dax}]
 3500
 3000
 2500
 2000
 Export["c:\\outt.csv", Transpose[{hedge, dax, d2}]]
 c:\outt.csv
hedge = Log[hedge]; dax = Log[dax];
hedge = Differences[hedge];
 dax = Differences[dax];
w = Transpose[{hedge, co}];
w = Sort[w, #1[[1]] < #2[[1]] &];
hedge = Transpose[w][[1]];
 dax = Transpose[w][[2]];
 d2 = Transpose[w][[3]];
Part::partw: Part 3 of
                   \{\{-0.0312825, -0.0298387, -0.0237205, -0.0236975, -0.0193645, -0.0178444, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.0169541, -0.016541, -0.
                                       0.0152089, -0.0149422, -0.0148138, \ll 109 \gg \}, \{\ll 1 \gg \} \} does not exist. \gg
```

ListPointPlot3D[W]



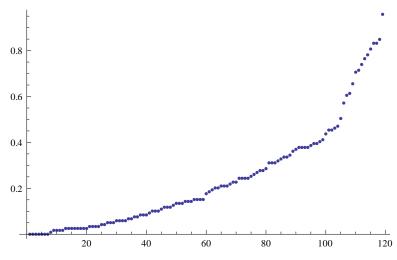




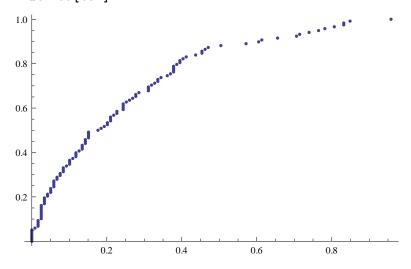


co = Sort[Transpose[W][[3]]];

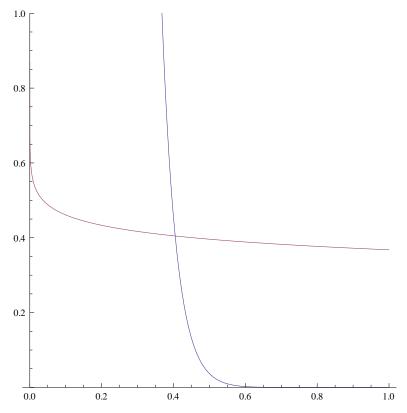
ListPlot[Sort[Transpose[W][[3]]]]



ListPlot[coI]



o = 9; Plot[{(-Log[x]) ^o, Exp[-x ^(1/o)]}, $\{x, 0, 1\}$, AspectRatio $\rightarrow 1$, PlotRange -> $\{0, 1\}$]



Co2 = Table [{Select [hedgeI, #[[1]] == W[[i, 1]] &][[1, 2]],
 Select[coI, #[[1]] == W[[i, 2]] &][[1, 2]], W[[i, 3]]},
 {i, Length [W]}]; AppendTo [Co, {1, 0, 0}];

 $\left\{ \left\{ 0, \frac{6}{59}, 0 \right\}, \left\{ \frac{1}{118}, \frac{3}{118}, 0 \right\}, \left\{ \frac{1}{59}, \frac{42}{59}, \frac{2}{119} \right\}, \left\{ \frac{3}{118}, \frac{21}{118}, \frac{2}{119} \right\}, \left\{ \frac{2}{59}, \frac{69}{118}, \frac{3}{119} \right\}, \left\{ \frac{5}{59}, \frac{6}{119} \right\}, \left\{ \frac{7}{118}, \frac{44}{59}, \frac{6}{119} \right\}, \left\{ \frac{4}{59}, \frac{7}{118}, \frac{4}{119} \right\}, \left\{ \frac{9}{118}, \frac{91}{118}, \frac{8}{119} \right\}, \left\{ \frac{5}{59}, \frac{1}{2}, \frac{3}{119} \right\}, \left\{ \frac{11}{118}, \frac{23}{59}, \frac{3}{119} \right\}, \left\{ \frac{6}{59}, \frac{29}{59}, \frac{4}{119} \right\}, \left\{ \frac{13}{118}, \frac{85}{118}, \frac{9}{119} \right\}, \left\{ \frac{7}{59}, \frac{109}{118}, \frac{2}{17} \right\}, \left\{ \frac{15}{118}, \frac{95}{119}, \frac{13}{118}, \frac{85}{119}, \frac{9}{119} \right\}, \left\{ \frac{19}{118}, \frac{35}{59}, \frac{10}{119} \right\}, \left\{ \frac{11}{118}, \frac{13}{59}, \frac{4}{119} \right\}, \left\{ \frac{9}{59}, \frac{5}{59}, \frac{1}{119} \right\}, \left\{ \frac{19}{118}, \frac{35}{59}, \frac{10}{119} \right\}, \left\{ \frac{10}{59}, \frac{54}{59}, \frac{19}{119} \right\}, \left\{ \frac{21}{118}, \frac{45}{59}, \frac{16}{119} \right\}, \left\{ \frac{11}{59}, \frac{40}{59}, \frac{12}{119} \right\}, \left\{ \frac{23}{118}, \frac{117}{118}, \frac{23}{119} \right\}, \left\{ \frac{12}{59}, \frac{71}{118}, \frac{11}{119} \right\}, \left\{ \frac{25}{59}, \frac{4}{119}, \frac{1}{118}, \frac{119}{119} \right\}, \left\{ \frac{13}{59}, \frac{27}{118}, \frac{19}{59}, \frac{8}{119} \right\}, \left\{ \frac{14}{59}, \frac{37}{59}, \frac{15}{119} \right\}, \left\{ \frac{29}{118}, \frac{43}{118}, \frac{9}{119} \right\}, \left\{ \frac{15}{59}, \frac{65}{51}, \frac{13}{118}, \frac{13}{119} \right\}, \left\{ \frac{16}{59}, \frac{53}{59}, \frac{13}{119} \right\}, \left\{ \frac{33}{118}, \frac{16}{59}, \frac{8}{119} \right\}, \left\{ \frac{19}{59}, \frac{5}{59}, \frac{119}{119} \right\}, \left\{ \frac{19}{59}, \frac{5}{59}, \frac{5}{119} \right\}, \left\{ \frac{33}{118}, \frac{16}{59}, \frac{8}{59}, \frac{1}{119} \right\}, \left\{ \frac{37}{118}, \frac{19}{119}, \frac{19}{59}, \frac{5}{59}, \frac{1}{119} \right\}, \left\{ \frac{37}{118}, \frac{13}{119}, \frac{19}{59}, \frac{5}{59}, \frac{1}{119} \right\}, \left\{ \frac{37}{118}, \frac{13}{119}, \frac{19}{59}, \frac{5}{59}, \frac{1}{119} \right\}, \left\{ \frac{39}{118}, \frac{13}{119}, \frac{43}{118}, \frac{45}{59}, \frac{119}{119} \right\}, \left\{ \frac{39}{118}, \frac{17}{119}, \frac{29}{119}, \frac{41}{118}, \frac{19}{59}, \frac{5}{59}, \frac{119}{119} \right\}, \left\{ \frac{39}{119}, \frac{19}{118}, \frac{19}{119}, \frac{19$

 $\left\{\frac{22}{59}, \frac{51}{118}, \frac{1}{7}\right\}, \left\{\frac{45}{118}, \frac{103}{118}, \frac{40}{119}\right\}, \left\{\frac{23}{59}, \frac{34}{59}, \frac{23}{119}\right\}, \left\{\frac{47}{118}, \frac{27}{118}, \frac{10}{119}\right\}, \left\{\frac{24}{59}, \frac{1}{59}, 0\right\},$ $\left\{\frac{49}{118}, \frac{81}{118}, \frac{2}{7}\right\}, \left\{\frac{25}{59}, \frac{33}{118}, \frac{2}{17}\right\}, \left\{\frac{51}{118}, \frac{21}{59}, \frac{1}{7}\right\}, \left\{\frac{26}{59}, \frac{115}{118}, \frac{3}{7}\right\}, \left\{\frac{53}{118}, \frac{51}{59}, \frac{46}{119}\right\},$ $\left\{ \left(\frac{57}{118}, \frac{24}{119} \right), \left\{ \frac{55}{118}, \frac{67}{118}, \frac{4}{17} \right\}, \left\{ \frac{28}{59}, \frac{111}{118}, \frac{53}{119} \right\}, \left\{ \frac{57}{118}, \frac{53}{59}, \frac{3}{7} \right\}, \left\{ \frac{29}{59}, \frac{2}{59}, \frac{2}{119} \right\}$ $\left\{\frac{1}{2}, \frac{32}{59}, \frac{4}{17}\right\}, \left\{\frac{30}{59}, \frac{22}{59}, \frac{20}{119}\right\}, \left\{\frac{61}{118}, \frac{47}{118}, \frac{23}{119}\right\}, \left\{\frac{31}{59}, \frac{37}{118}, \frac{1}{7}\right\}, \left\{\frac{63}{118}, \frac{83}{118}, \frac{45}{119}\right\},$ $\left\{\frac{32}{59}, \frac{26}{59}, \frac{26}{119}\right\}, \left\{\frac{65}{118}, \frac{24}{59}, \frac{25}{119}\right\}, \left\{\frac{33}{59}, \frac{55}{59}, \frac{62}{119}\right\}, \left\{\frac{67}{118}, \frac{57}{59}, \frac{65}{119}\right\}, \left\{\frac{34}{59}, \frac{105}{118}, \frac{59}{119}\right\}$ $\left\{\frac{69}{118}, \frac{11}{118}, \frac{5}{119}\right\}, \left\{\frac{35}{59}, 1, \frac{10}{17}\right\}, \left\{\frac{71}{118}, \frac{38}{59}, \frac{44}{119}\right\}, \left\{\frac{36}{59}, \frac{5}{118}, \frac{3}{119}\right\}, \left\{\frac{73}{118}, \frac{29}{118}, \frac{16}{119}\right\}$ $\left\{\frac{37}{59}, \frac{23}{118}, \frac{12}{119}\right\}, \left\{\frac{75}{118}, \frac{58}{59}, \frac{73}{119}\right\}, \left\{\frac{38}{59}, \frac{46}{59}, \frac{59}{119}\right\}, \left\{\frac{77}{118}, \frac{39}{59}, \frac{7}{17}\right\}, \left\{\frac{39}{59}, \frac{25}{59}, \frac{30}{119}\right\},$ $\left\{\frac{79}{118}, \frac{28}{59}, \frac{5}{17}\right\}, \left\{\frac{40}{59}, \frac{48}{59}, \frac{64}{119}\right\}, \left\{\frac{81}{118}, \frac{31}{118}, \frac{18}{119}\right\}, \left\{\frac{41}{59}, \frac{89}{118}, \frac{61}{119}\right\},$ $\left\{\frac{83}{118}, \frac{17}{118}, \frac{9}{119}\right\}, \left\{\frac{42}{59}, \frac{107}{118}, \frac{74}{119}\right\}, \left\{\frac{85}{118}, \frac{11}{59}, \frac{13}{119}\right\}, \left\{\frac{43}{59}, \frac{63}{118}, \frac{6}{17}\right\},$ $\left\{\frac{87}{118}, \frac{7}{59}, \frac{8}{119}\right\}, \left\{\frac{44}{59}, \frac{33}{59}, \frac{46}{119}\right\}, \left\{\frac{89}{118}, \frac{49}{59}, \frac{73}{119}\right\}, \left\{\frac{45}{59}, \frac{87}{118}, \frac{65}{119}\right\}, \left\{\frac{91}{118}, \frac{73}{118}, \frac{53}{119}\right\},$ $\left\{\frac{46}{59}, \frac{31}{59}, \frac{43}{119}\right\}, \left\{\frac{93}{118}, \frac{61}{118}, \frac{43}{119}\right\}, \left\{\frac{47}{59}, \frac{15}{118}, \frac{9}{119}\right\}, \left\{\frac{95}{118}, \frac{101}{118}, \frac{79}{119}\right\},$ $\left\{\frac{48}{59}, \frac{15}{59}, \frac{22}{119}\right\}, \left\{\frac{97}{118}, \frac{18}{59}, \frac{27}{119}\right\}, \left\{\frac{49}{59}, \frac{49}{118}, \frac{37}{119}\right\}, \left\{\frac{99}{118}, \frac{1}{118}, 0\right\}, \left\{\frac{50}{59}, \frac{99}{118}, \frac{83}{119}\right\},$ $\left\{\frac{101}{118}, \frac{93}{118}, \frac{79}{119}\right\}, \left\{\frac{51}{59}, \frac{12}{59}, \frac{18}{119}\right\}, \left\{\frac{103}{118}, \frac{13}{118}, \frac{9}{119}\right\}, \left\{\frac{52}{59}, \frac{3}{59}, \frac{5}{119}\right\}, \left\{\frac{105}{118}, \frac{39}{118}, \frac{2}{7}\right\},$ $\left\{\frac{53}{59}, 0, 0\right\}, \left\{\frac{107}{118}, \frac{79}{118}, \frac{71}{119}\right\}, \left\{\frac{54}{59}, \frac{35}{118}, \frac{32}{119}\right\}, \left\{\frac{109}{118}, \frac{47}{59}, \frac{87}{119}\right\}, \left\{\frac{55}{59}, \frac{30}{59}, \frac{54}{119}\right\},$ $\left\{\frac{111}{118}, \frac{50}{59}, \frac{94}{119}\right\}, \left\{\frac{56}{59}, \frac{55}{118}, \frac{50}{119}\right\}, \left\{\frac{113}{118}, \frac{20}{59}, \frac{37}{119}\right\}, \left\{\frac{57}{59}, \frac{19}{118}, \frac{1}{7}\right\}, \left\{\frac{115}{118}, \frac{9}{118}, \frac{8}{119}\right\}$ $\left\{\frac{58}{59}, \frac{113}{118}, \frac{111}{119}\right\}, \left\{\frac{117}{118}, \frac{7}{118}, \frac{1}{17}\right\}, \left\{1, \frac{41}{118}, \frac{41}{119}\right\}, \left\{1, 0, 0\right\}, \left\{0, 1, 0\right\}, \left\{1, 1, 1\right\}\right\}$

Show [ListPlot3D[Co, Mesh \rightarrow All], ListPointPlot3D[Co, PlotStyle \rightarrow Red]]

