Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

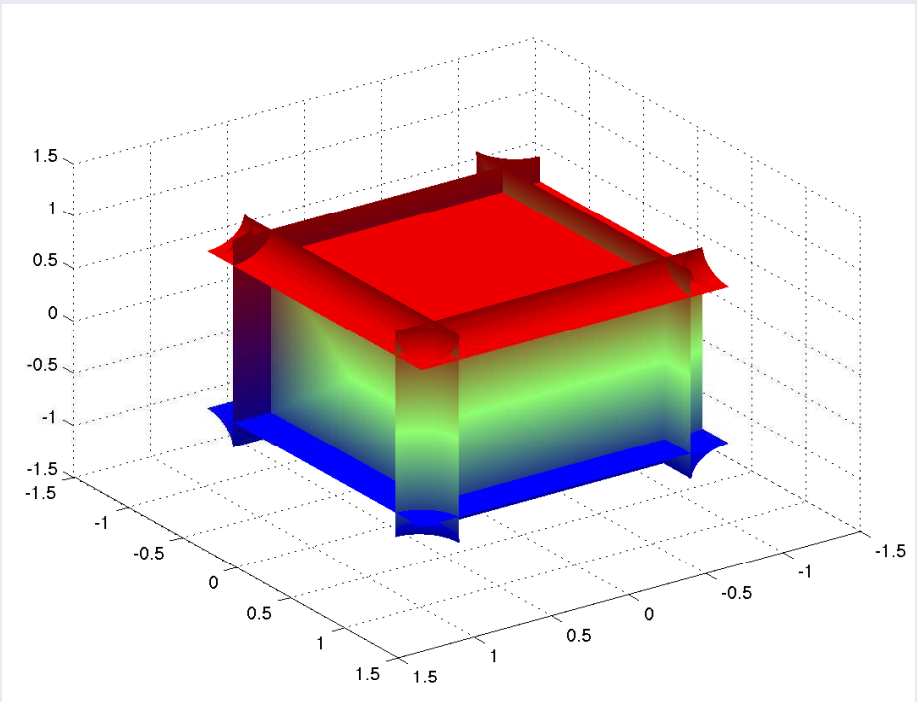

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{1}{4}$

Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

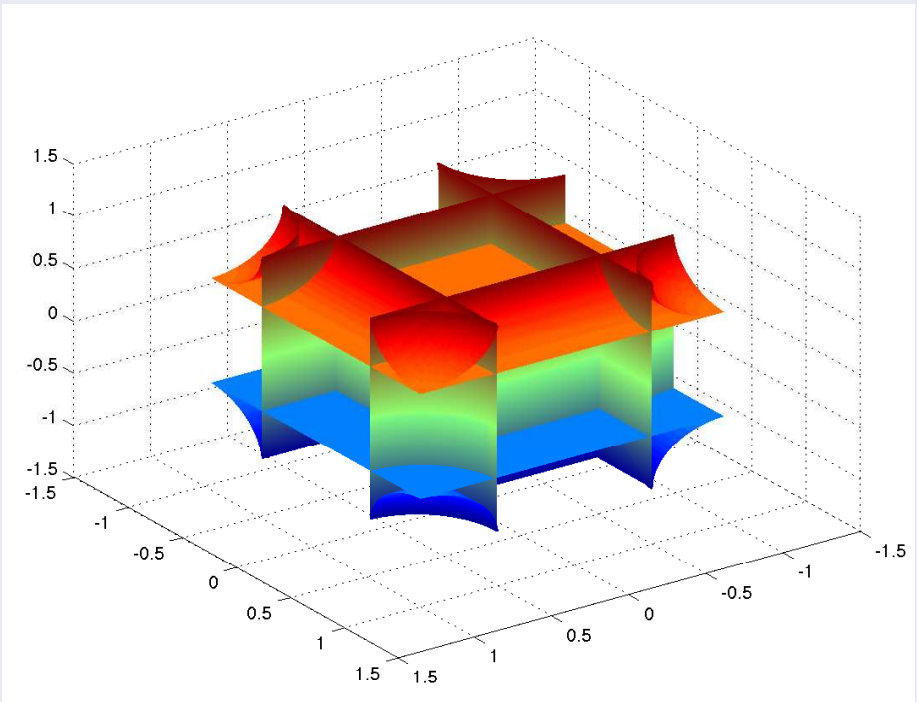

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{1}{2}$

Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1,1]^3$ and $D = \mathbf{r}B_1(0)$

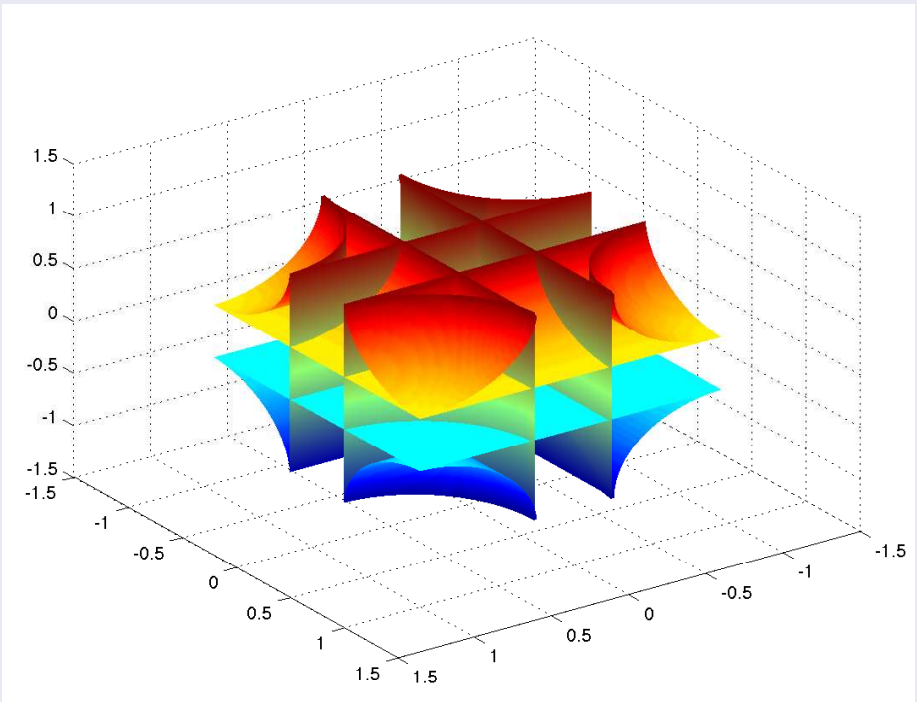

Figure: difference of directed sets $J_3([-1,1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{3}{4}$

Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

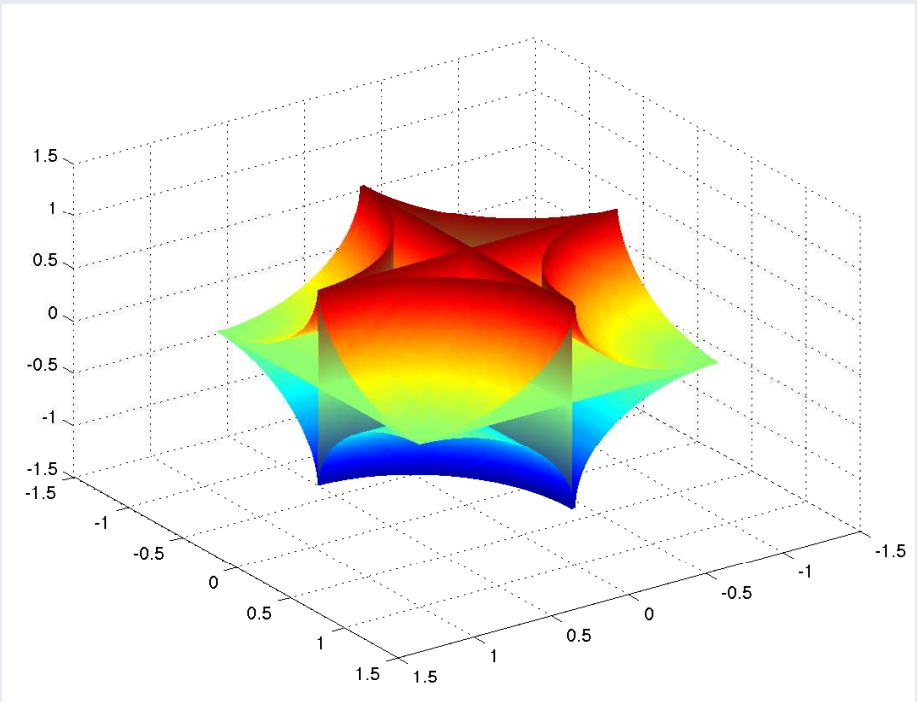

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \mathbf{1}$

Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1,1]^3$ and $D = \mathbf{r}B_1(0)$

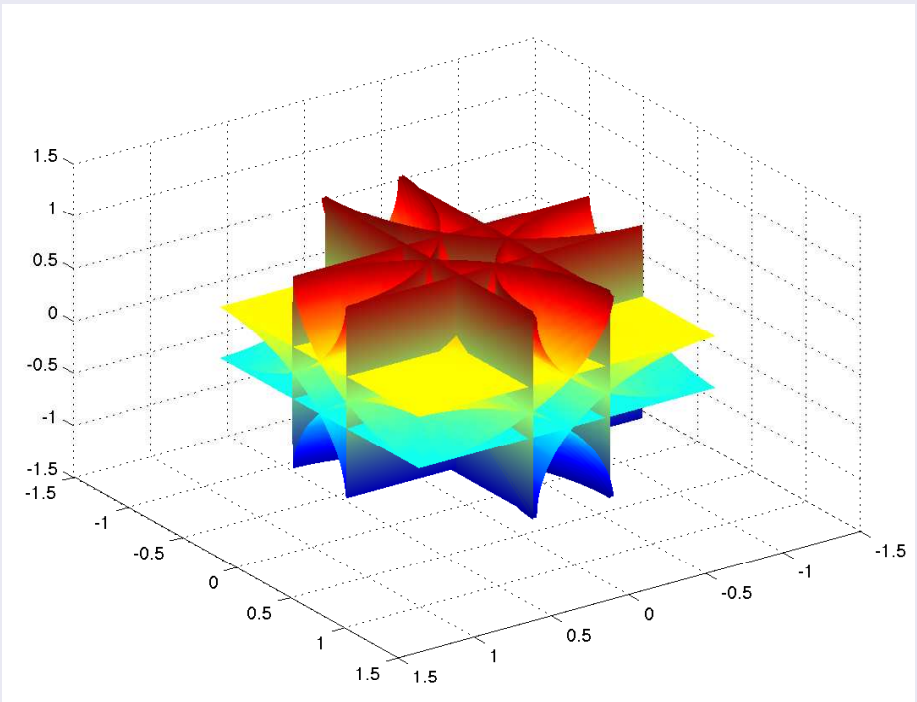

Figure: difference of directed sets $J_3([-1,1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{5}{4}$

Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

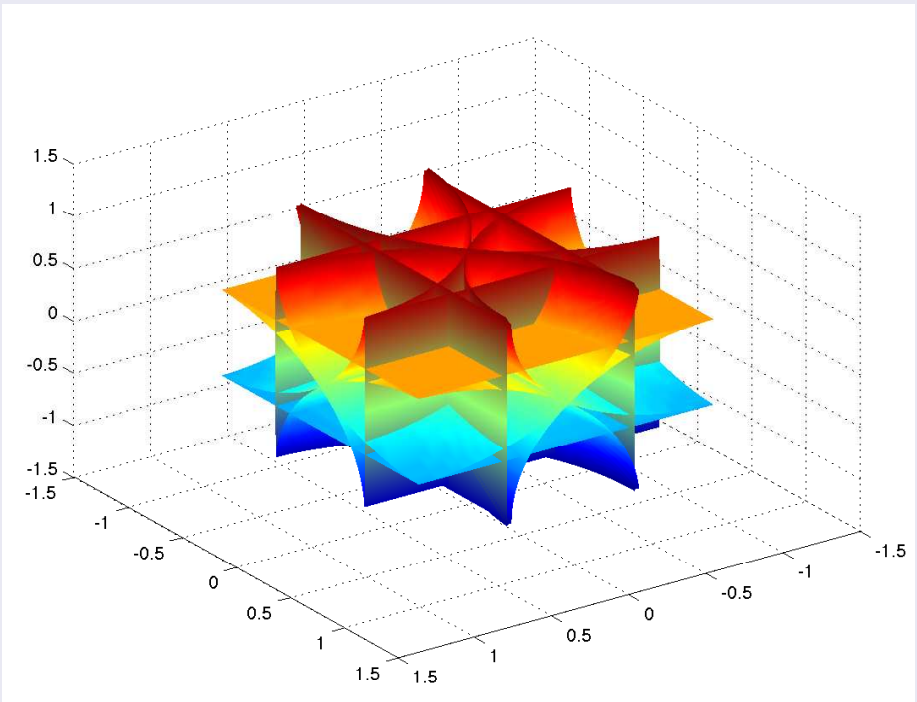

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \sqrt{2}$

Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

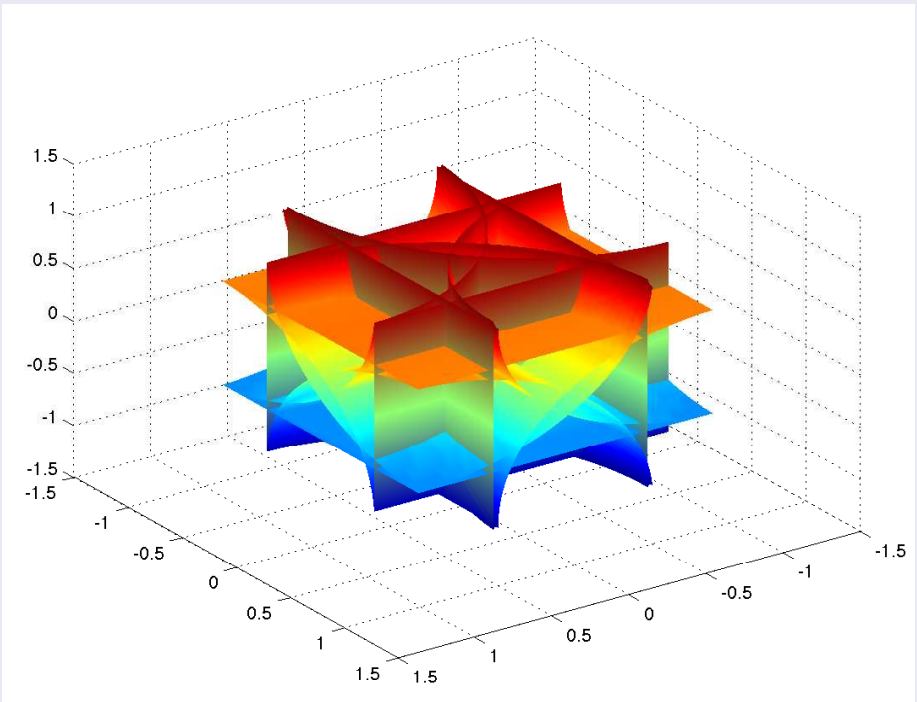

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{5}{2}$

Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

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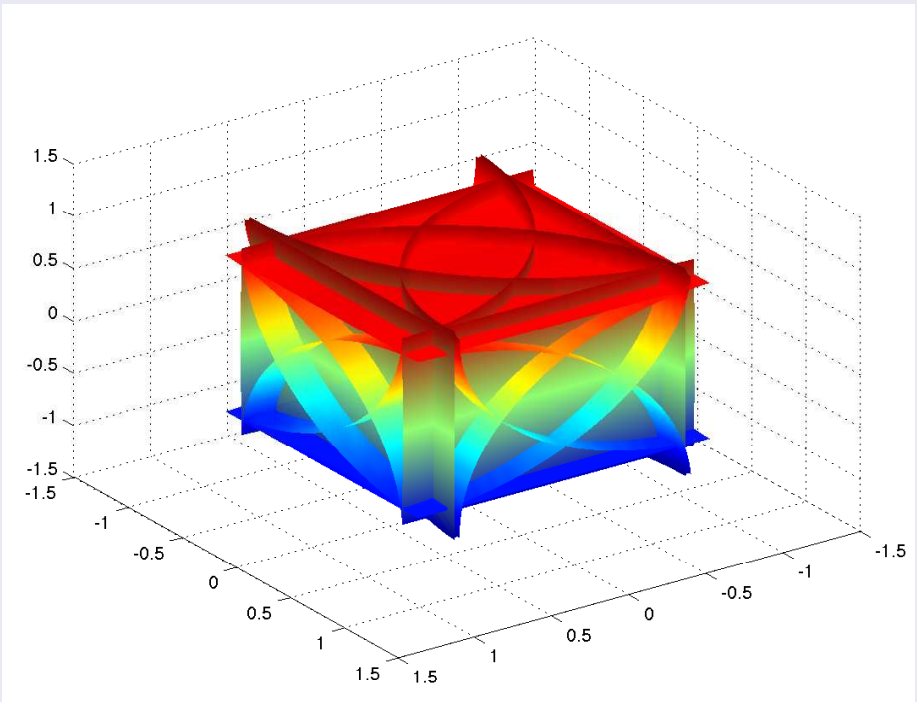

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{7}{4}$

Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

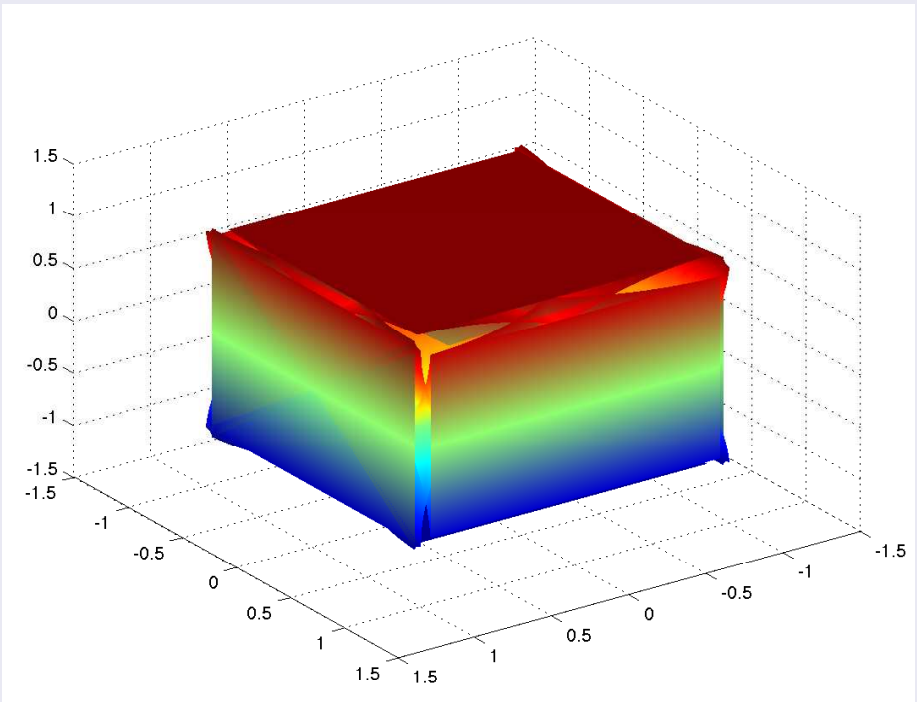

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = 2$

Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

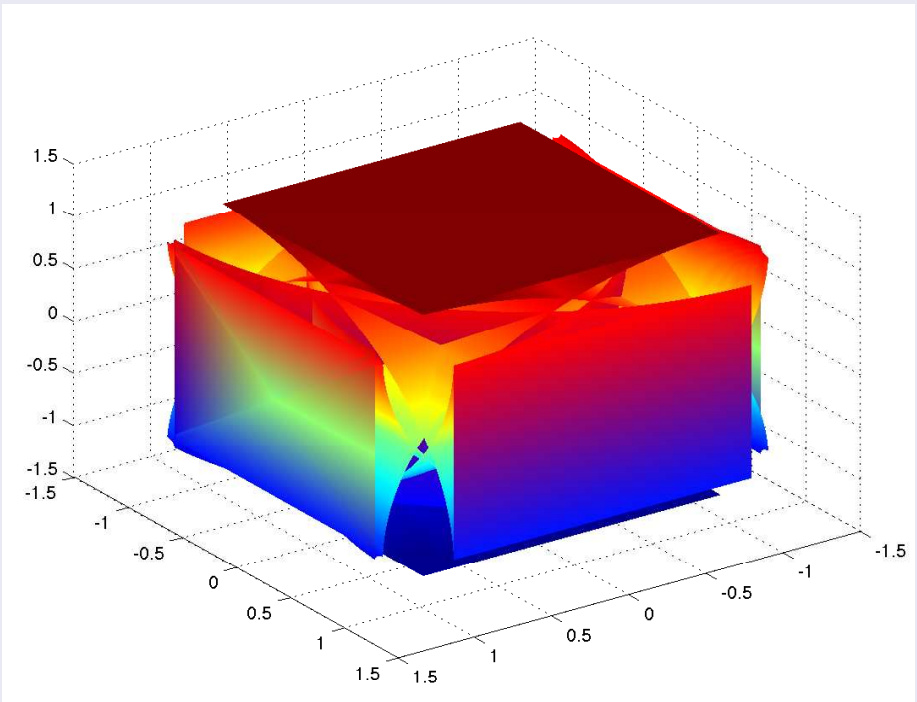

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{9}{4}$

Visualized 3D-Directed Sets

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

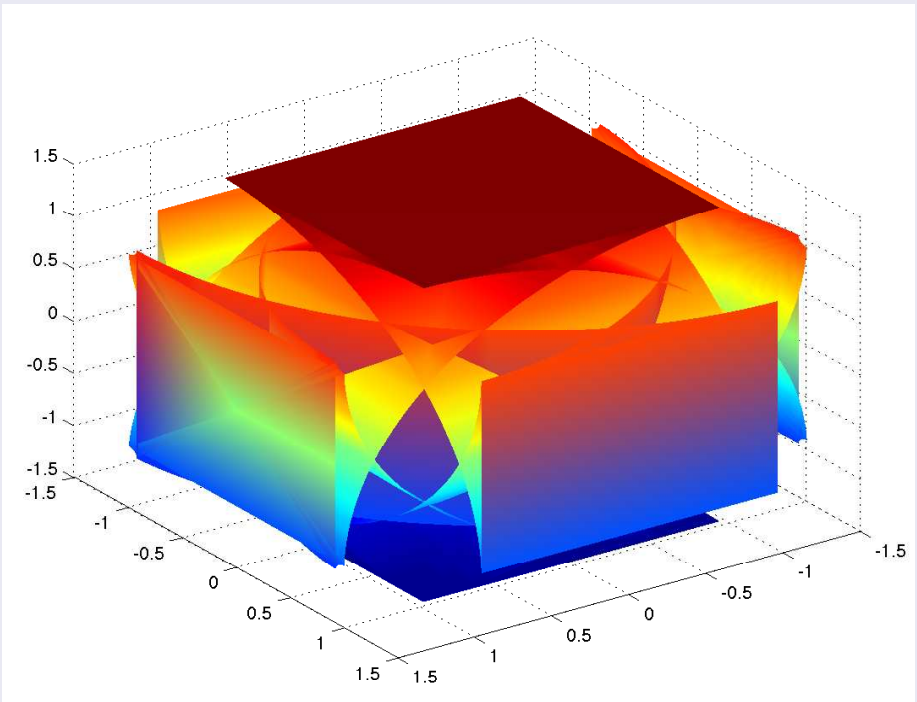

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{5}{2}$

Visualized 3D-Directed Sets (2)

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

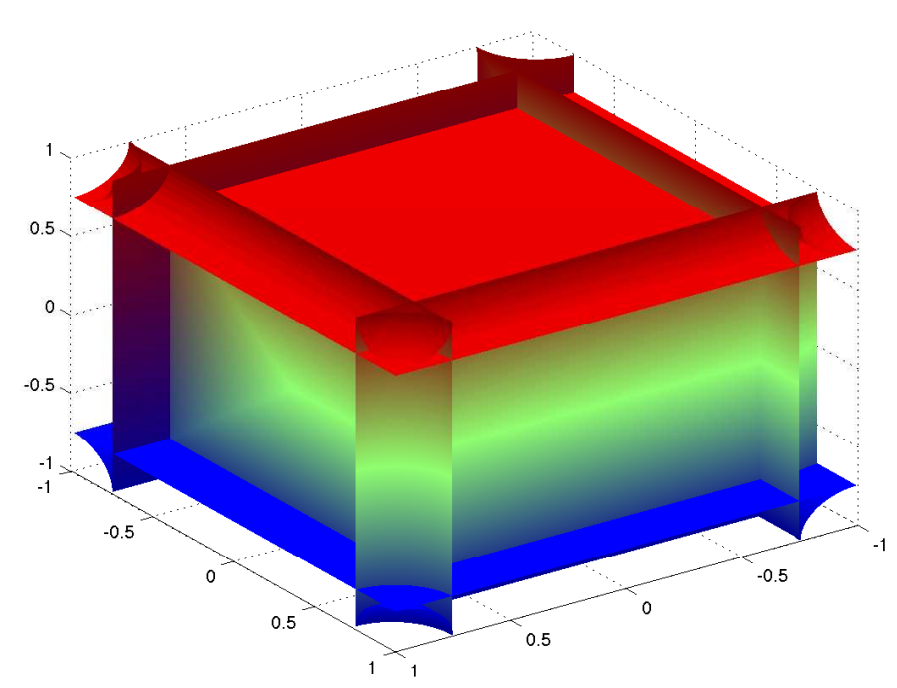

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{1}{4}$

Visualized 3D-Directed Sets (2)

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

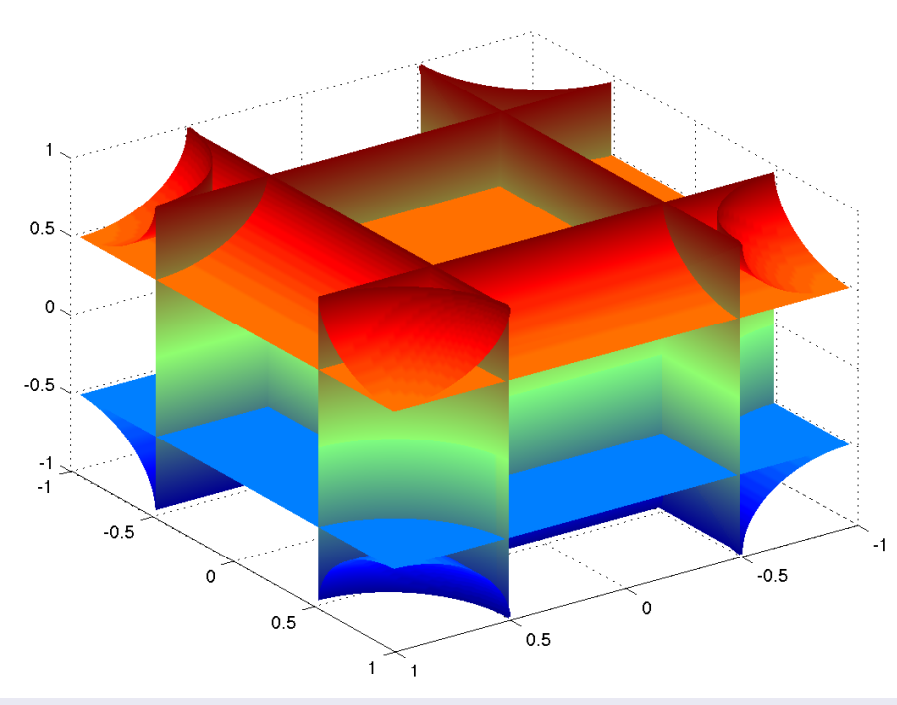

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{1}{2}$

Visualized 3D-Directed Sets (2)

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

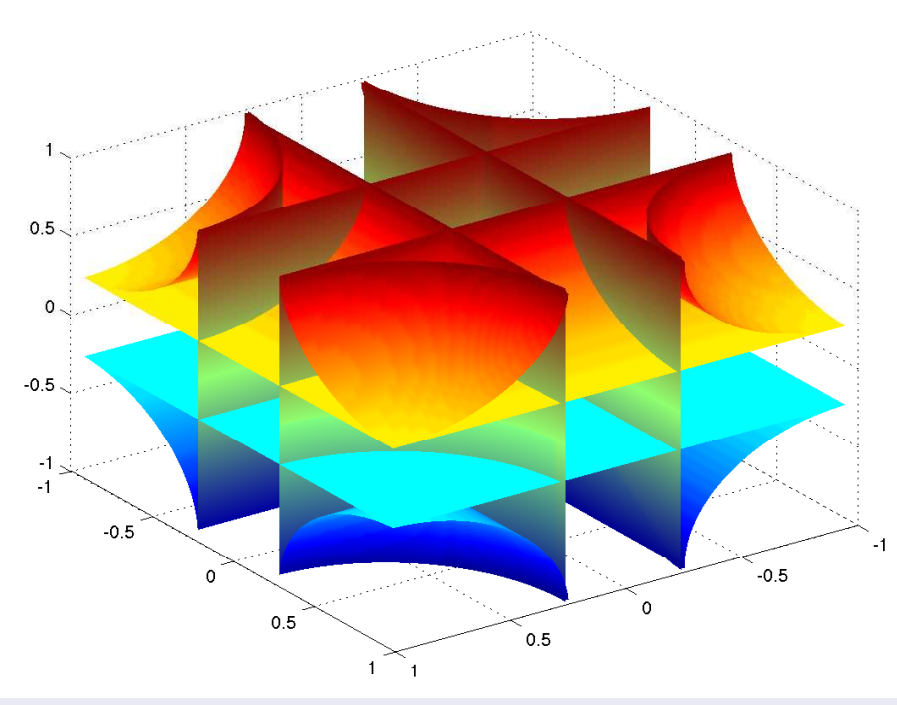

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{3}{4}$

Visualized 3D-Directed Sets (2)

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

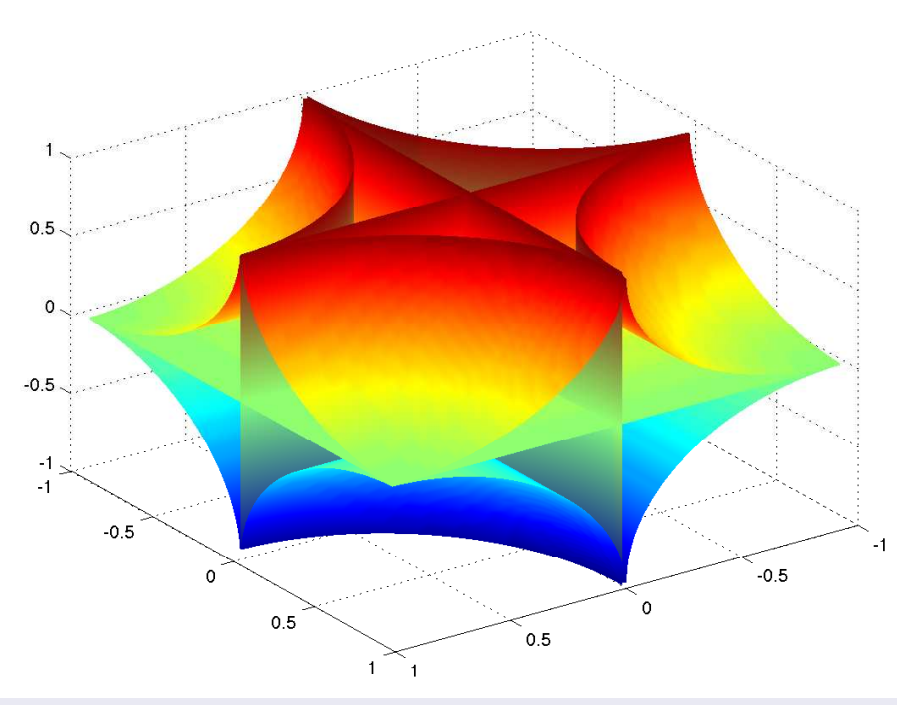

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \mathbf{1}$

Visualized 3D-Directed Sets (2)

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

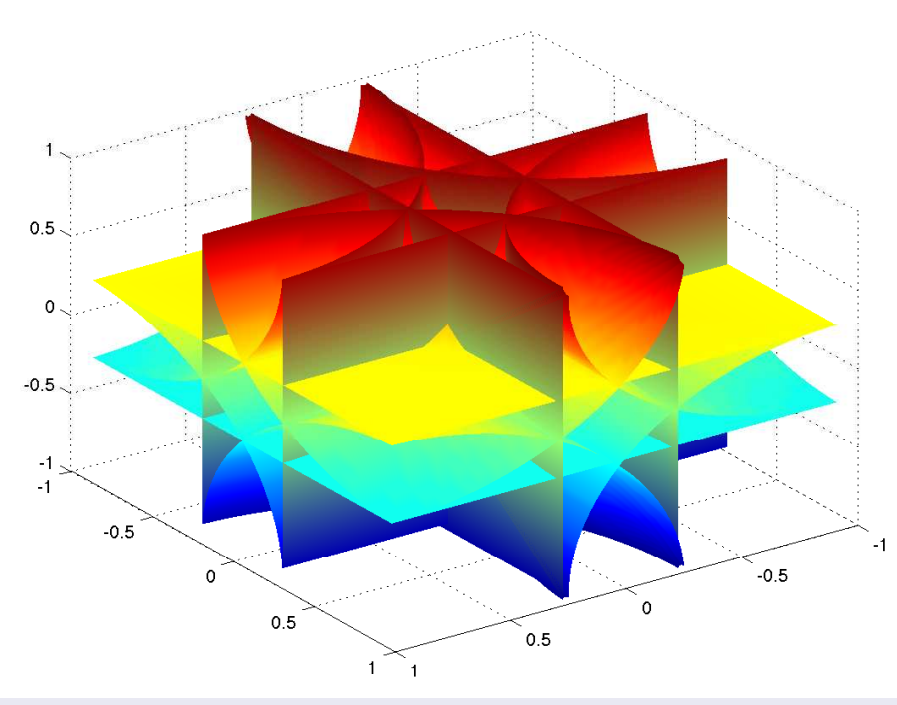

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{5}{4}$

Visualized 3D-Directed Sets (2)

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

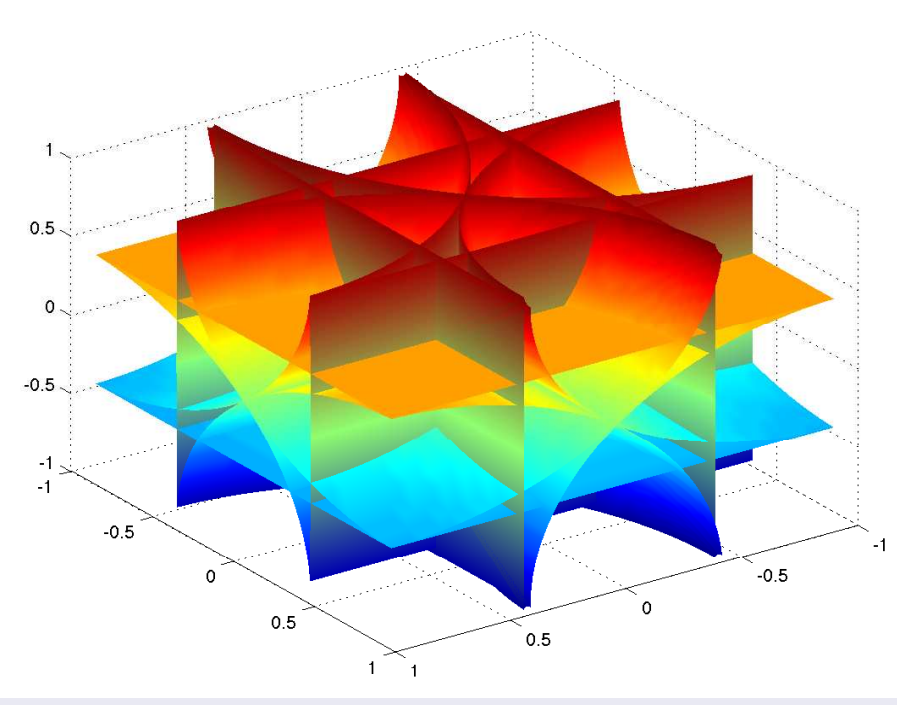

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \sqrt{2}$

Visualized 3D-Directed Sets (2)

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

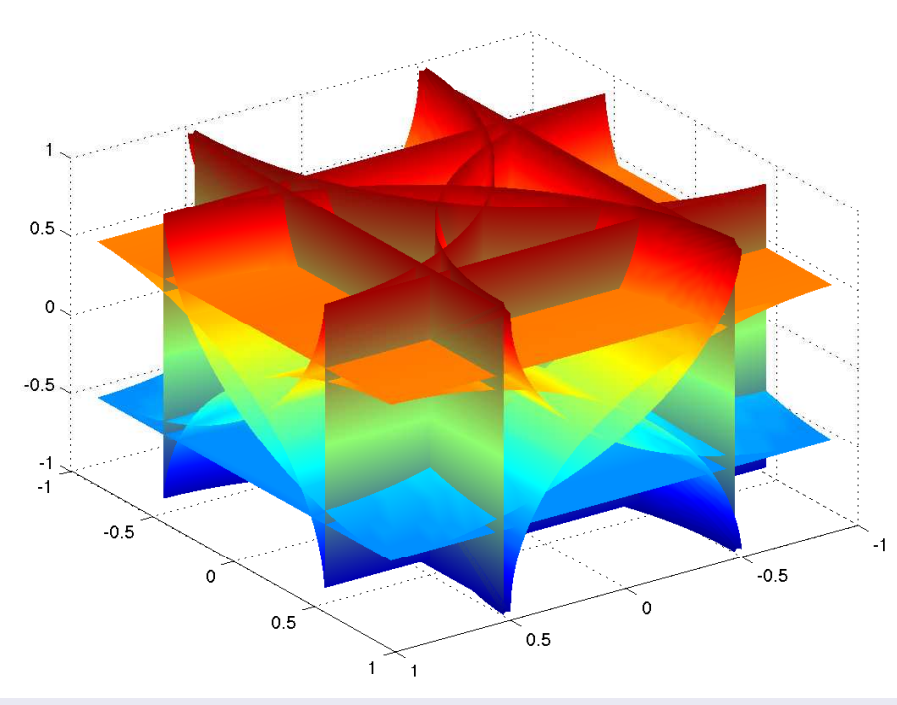

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{5}{2}$

Visualized 3D-Directed Sets (2)

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

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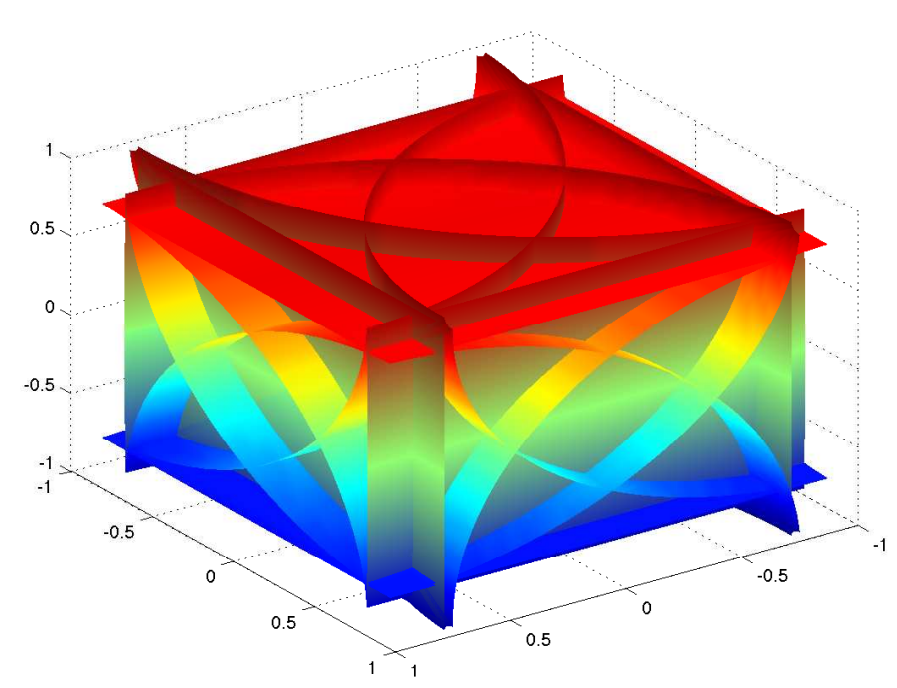

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = \frac{7}{4}$

Visualized 3D-Directed Sets (2)

set difference $\overrightarrow{A} := J_3(C) - J_3(D)$:

data: $C = [-1, 1]^3$ and $D = \mathbf{r}B_1(0)$

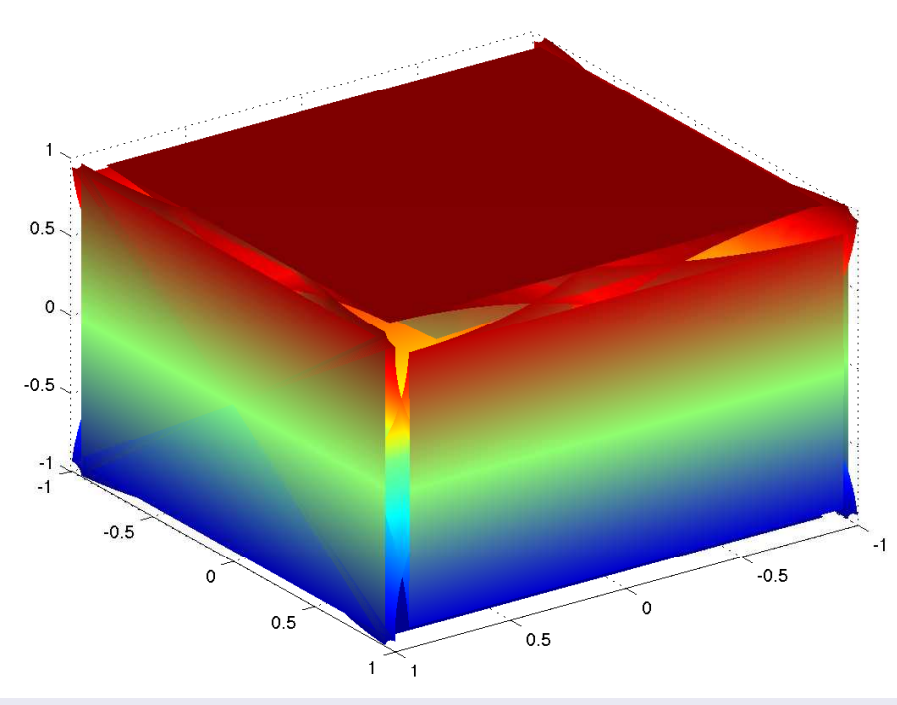

Figure: difference of directed sets $J_3([-1, 1]^3) - J_3(\mathbf{r}B_1(0))$, $\mathbf{r} = 2$