

MATERIALS OF TYPE ELASTOPLASTICSTEEL_EP E = 210 RHO = 0.0000078 NU = 0.3
YIELD_STRESS = 0.180 EP = 0.1

ElastoPlasticAluminum2024T3 E = 73.08075 NU = 0.330000 RHO = 0.00000277
FAILURE_STRESS = 0.4826087 YIELD_STRESS = 0.3447205 EP = 0.1

0.1 mm

Punch

Material

Die

Symmetry model
VY=0

Information

Parameter	Value

Text

Name
Dimensions
Annotations

Python Console

>>>
MATERIALS OF TYPE ELASTOPLASTICSTEEL_EP E = 210 RHO = 0.0000078 NU = 0.3
YIELD_STRESS = 0.180 EP = 0.1

Thickness or Diameter

Set

Study4.in - ノート帳

ファイル(F)	編集(E)	書式(O)	表示(V)	ヘルプ(H)
2591	nodes =	[738,767,768,739]	T = 0.001	Material = Aluminum2024T3
2592	nodes =	[739,768,769,740]	T = 0.001	Material = Aluminum2024T3
2593	nodes =	[740,769,770,741]	T = 0.001	Material = Aluminum2024T3
2594	nodes =	[741,770,771,742]	T = 0.001	Material = Aluminum2024T3
2595	nodes =	[742,771,772,743]	T = 0.001	Material = Aluminum2024T3
2596	nodes =	[743,772,773,744]	T = 0.001	Material = Aluminum2024T3
2597	nodes =	[744,773,774,745]	T = 0.001	Material = Aluminum2024T3
2598	nodes =	[745,774,358,357]	T = 0.001	Material = Aluminum2024T3
2599	nodes =	[288,40,353,746]	T = 0.001	Material = Aluminum2024T3
2600	nodes =	[746,353,352,747]	T = 0.001	Material = Aluminum2024T3
2601	nodes =	[747,352,351,748]	T = 0.001	Material = Aluminum2024T3
2602	nodes =	[748,351,350,749]	T = 0.001	Material = Aluminum2024T3
2603	nodes =	[749,350,349,750]	T = 0.001	Material = Aluminum2024T3
2604	nodes =	[750,349,348,751]	T = 0.001	Material = Aluminum2024T3
2605	nodes =	[751,348,347,752]	T = 0.001	Material = Aluminum2024T3
2606	nodes =	[752,347,346,753]	T = 0.001	Material = Aluminum2024T3
2607	nodes =	[753,346,345,754]	T = 0.001	Material = Aluminum2024T3
2608	nodes =	[754,345,344,755]	T = 0.001	Material = Aluminum2024T3
2609	nodes =	[755,344,343,756]	T = 0.001	Material = Aluminum2024T3
2610	nodes =	[756,343,342,757]	T = 0.001	Material = Aluminum2024T3
2611	nodes =	[757,342,341,758]	T = 0.001	Material = Aluminum2024T3
2612	nodes =	[758,341,340,759]	T = 0.001	Material = Aluminum2024T3
2613	nodes =	[759,340,339,760]	T = 0.001	Material = Aluminum2024T3
2614	nodes =	[760,339,338,761]	T = 0.001	Material = Aluminum2024T3
2615	nodes =	[761,338,337,762]	T = 0.001	Material = Aluminum2024T3
2616	nodes =	[762,337,336,763]	T = 0.001	Material = Aluminum2024T3
2617	nodes =	[763,336,335,764]	T = 0.001	Material = Aluminum2024T3
2618	nodes =	[764,335,334,765]	T = 0.001	Material = Aluminum2024T3
2619	nodes =	[765,334,333,766]	T = 0.001	Material = Aluminum2024T3
2620	nodes =	[766,333,332,767]	T = 0.001	Material = Aluminum2024T3
2621	nodes =	[767,332,331,768]	T = 0.001	Material = Aluminum2024T3
2622	nodes =	[768,331,330,769]	T = 0.001	Material = Aluminum2024T3
2623	nodes =	[769,330,329,770]	T = 0.001	Material = Aluminum2024T3
2624	nodes =	[770,329,328,771]	T = 0.001	Material = Aluminum2024T3
2625	nodes =	[771,328,327,772]	T = 0.001	Material = Aluminum2024T3
2626	nodes =	[772,327,326,773]	T = 0.001	Material = Aluminum2024T3

1行、1列 100% Unix (LF) UTF-8



sh

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ACEMENTS (I)

ep

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00000000022E-

000000000096E-

0000000001E-5

99999999991E-5

99999999982E-5

0000000002E-5

00000000026E-5

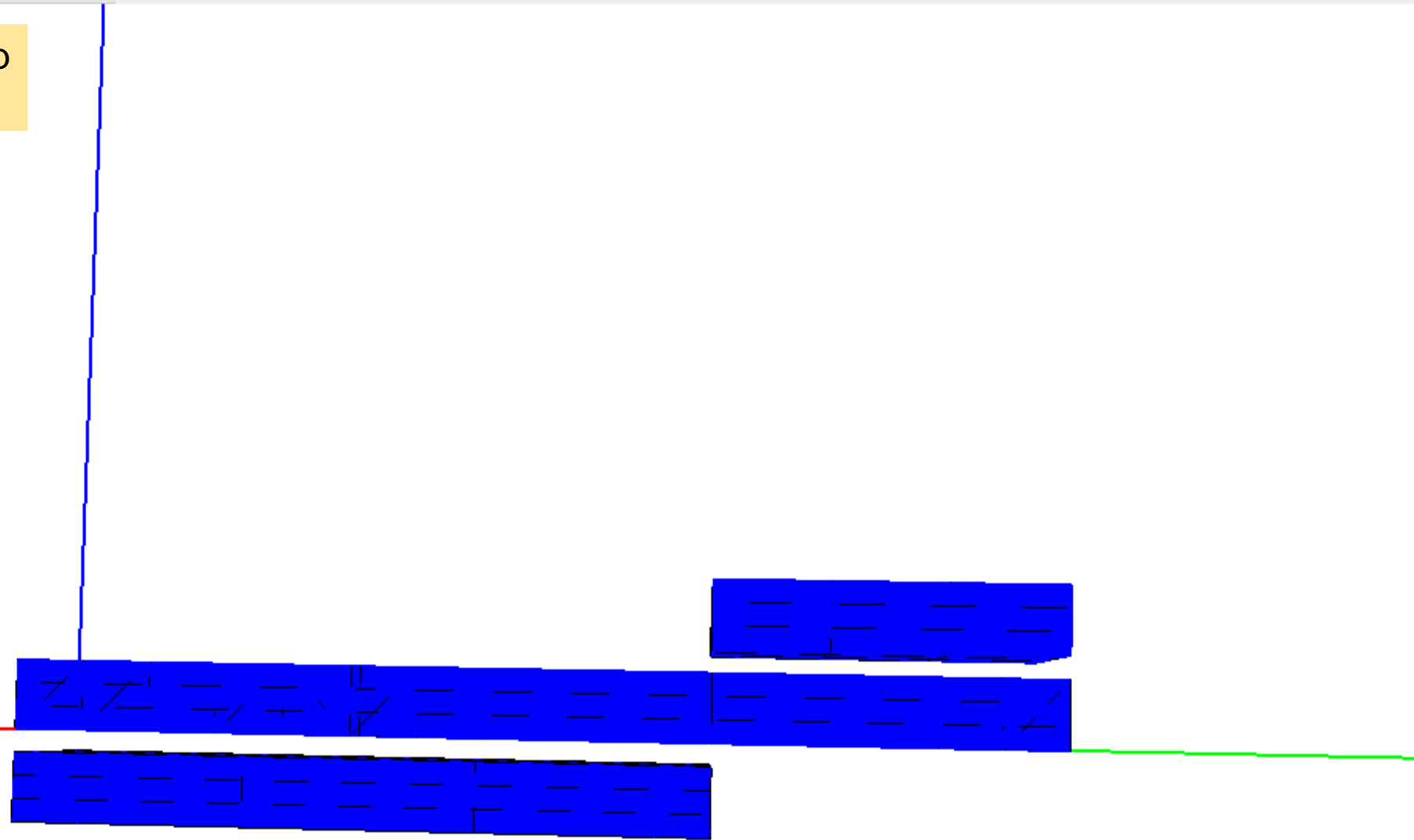
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00000000075E-

DISPLACEMENTS (I)

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39.4721865653991
47.3666238784790
55.2610611915588
63.1554985046386
71.0499358177185
78.9443731307983
86.8388104438781
94.7332477569580
102.627685070037
110.522122383117
118.416559696197
126.310997009277

Time step 0.0



planes in direction

direction

Y Z



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tour fill
es label
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dient Result
ACEMENTS (I)
ep
999999999992E-
000000000022E-
000000000096E-
00000000001E-5
99999999991E-5
99999999982E-5
00000000002E-5
00000000026E-5
00000000051E-5
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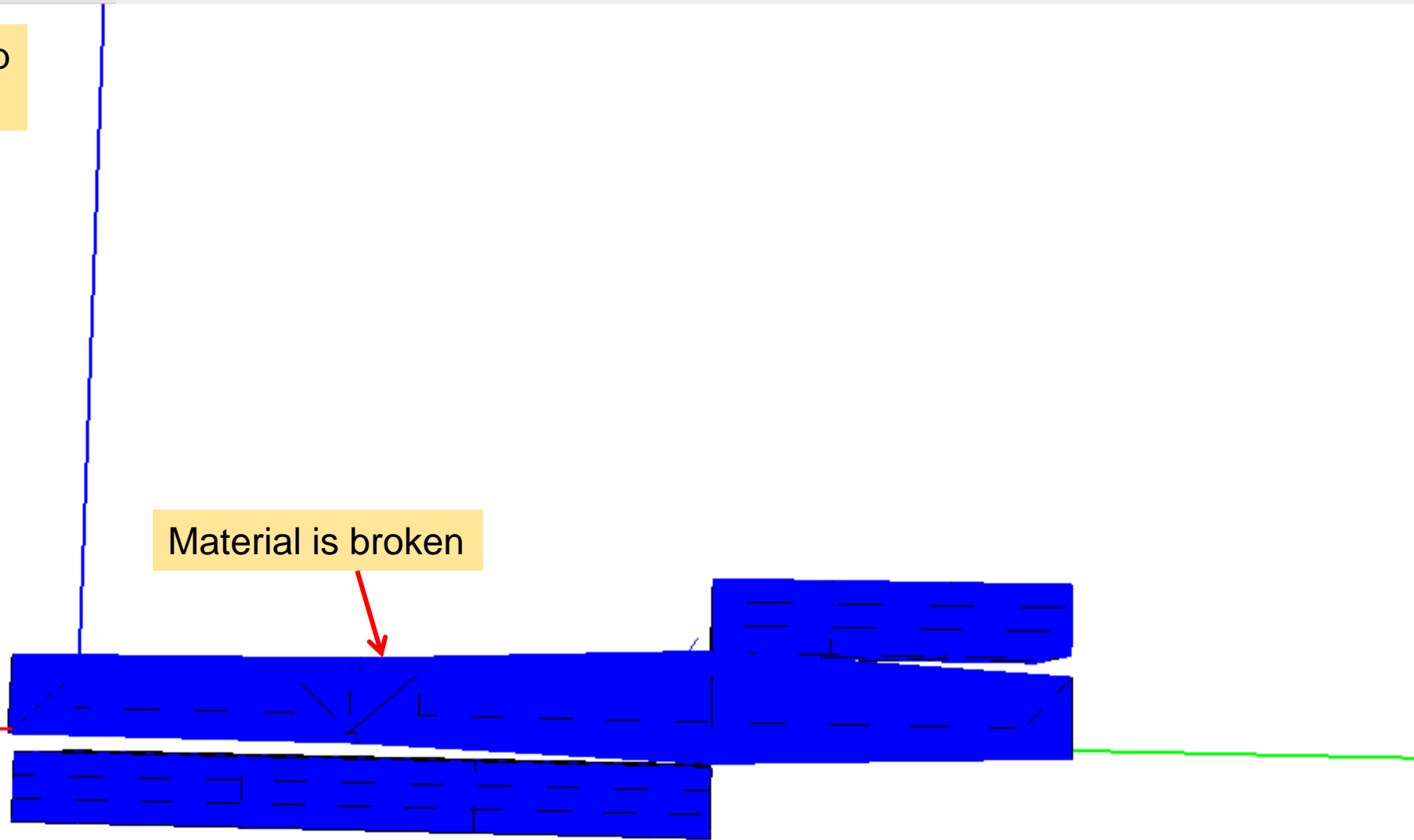
DISPLACEMENTS (I)

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23.6833119392395
31.5777492523193
39.4721865653991
47.3666238784790
55.2610611915588
63.1554985046386
71.0499358177185
78.9443731307983
86.8388104438781
94.7332477569580
102.627685070037
110.522122383117
118.416559696197
126.310997009277

Time step
2.0

Material is broken

planes in direction
e direction
 Y Z





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radient Result

ACEMENTS (I)

ep

999999999992E-

000000000022E-

000000000096E-

00000000001E-5

99999999991E-5

99999999982E-5

00000000002E-5

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DISPLACEMENTS (I)

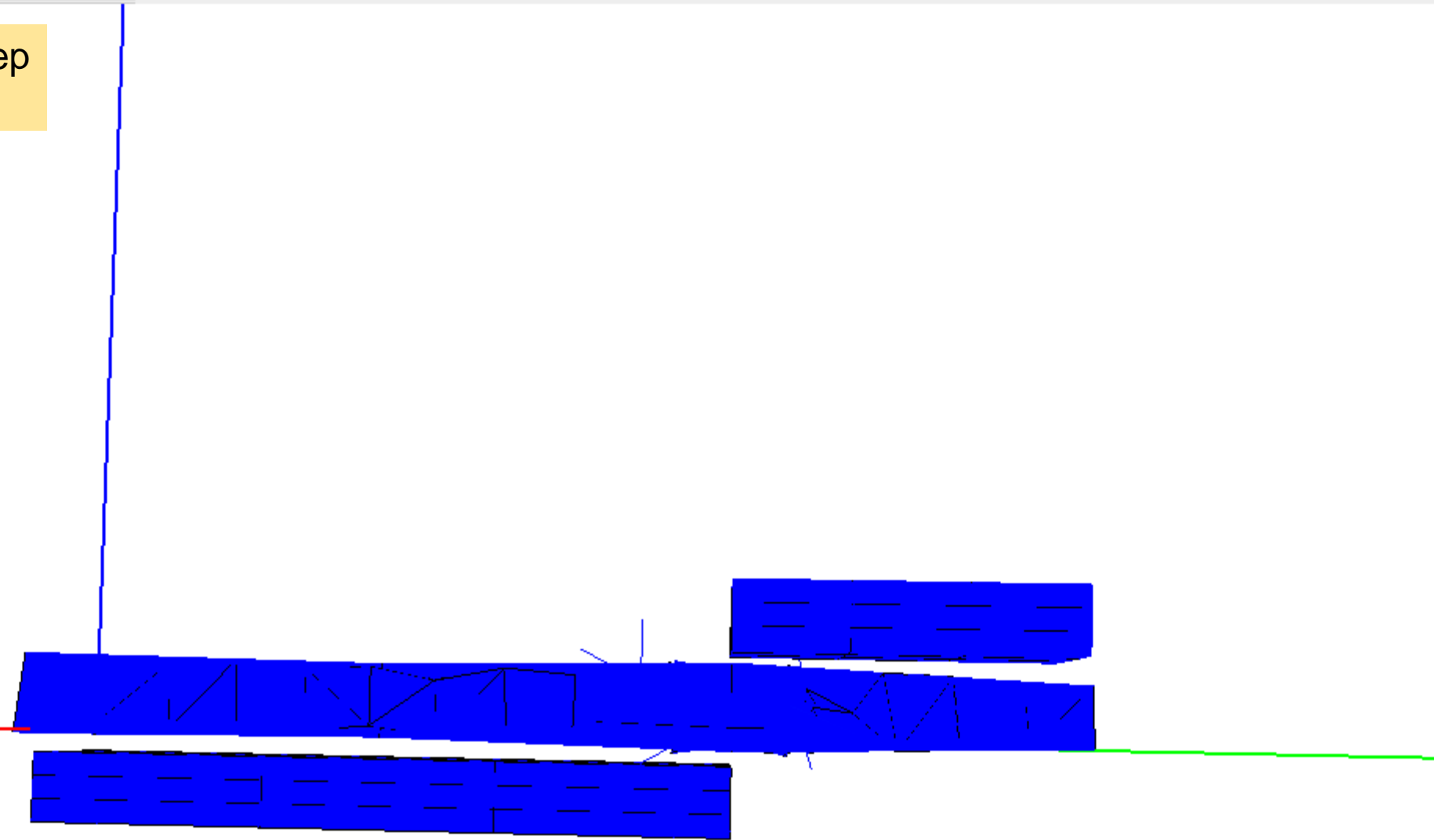
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39.4721865653991
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63.1554985046386
71.0499358177185
78.9443731307983
86.8388104438781
94.7332477569580
102.627685070037
110.522122383117
118.416559696197
126.310997009277

Time step 7.0

planes in direction

direction

Y Z





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tour fill

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radient Result

ACEMENTS (I)

ep

000000000022E-

000000000096E-

00000000001E-5

99999999991E-5

99999999982E-5

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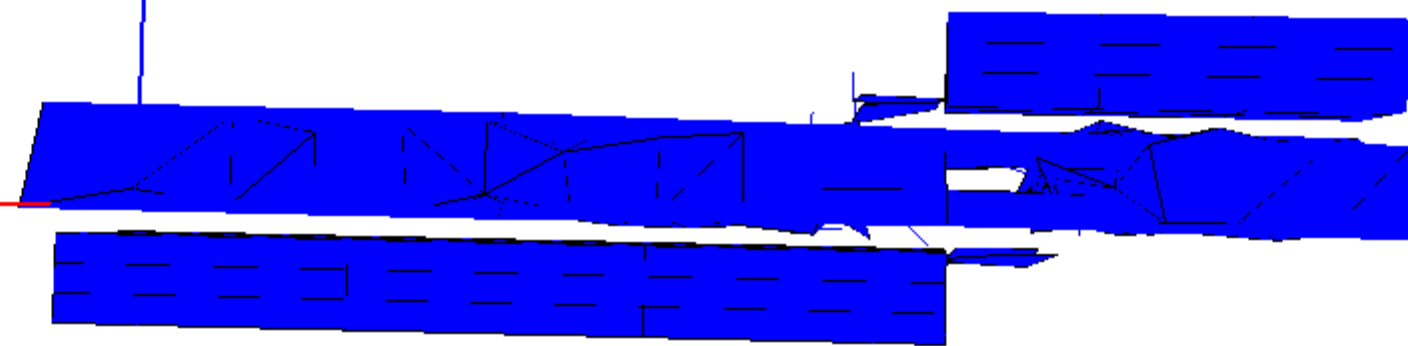
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DISPLACEMENTS (I)

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39.4721865653991
47.3666238784790
55.2610611915588
63.1554985046386
71.0499358177185
78.9443731307983
86.8388104438781
94.7332477569580
102.627685070037
110.522122383117
118.416559696197
126.310997009277

Time step 1.1



planes in direction

direction

Y Z



sh

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tour fill

es label

ments label

radient Result

ACEMENTS (I)

ep

000000000318E-

000000000342E-

000000000367E-

00000000039E-4

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00000000044E-4

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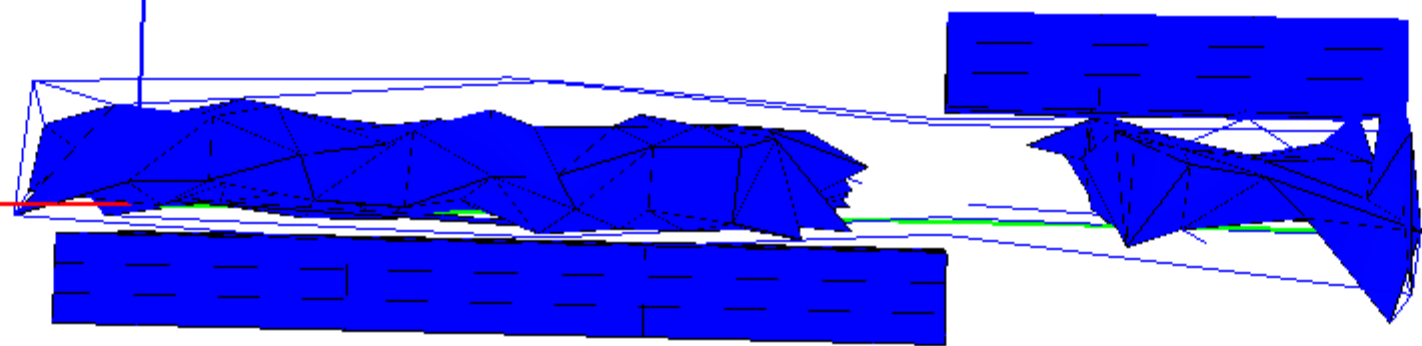
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DISPLACEMENTS (I)

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31.5777492523193
39.4721865653991
47.3666238784790
55.2610611915588
63.1554985046386
71.0499358177185
78.9443731307983
86.8388104438781
94.7332477569580
102.627685070037
110.522122383117
118.416559696197
126.310997009277

Time step 2.6



planes in direction

direction

Y Z



sh

formed 1

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es label

ments label

radient Result

DISPLACEMENTS (I)

ep

000000000853E-

000000000877E-

0000000009E-4

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000000001E-4

00000000102E-4

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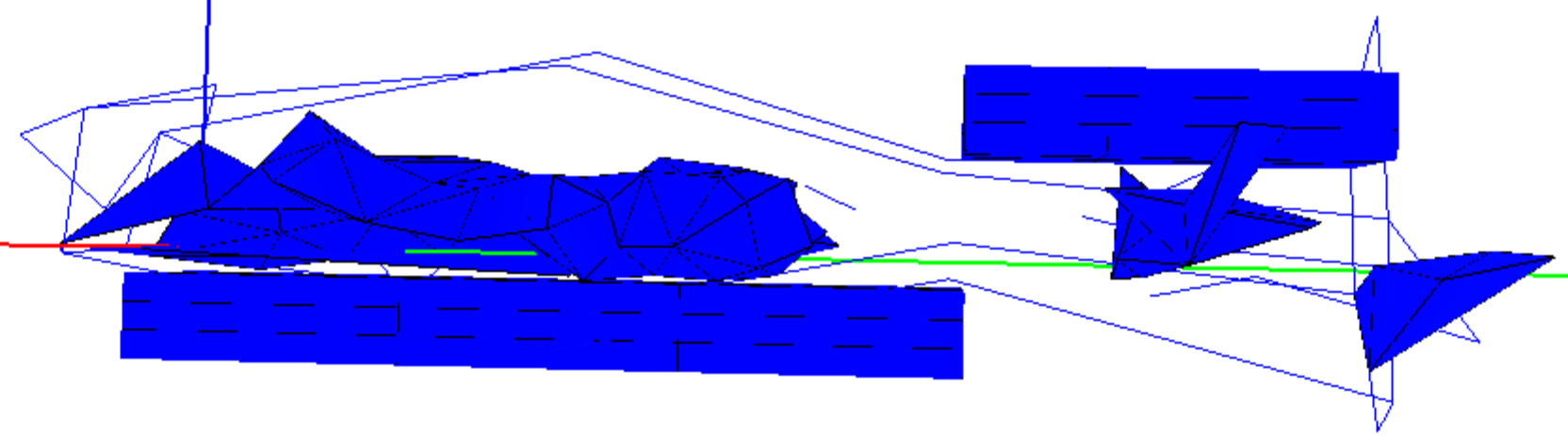
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DISPLACEMENTS (I)

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23.6833119392395
31.5777492523193
39.4721865653991
47.3666238784790
55.2610611915588
63.1554985046386
71.0499358177185
78.9443731307983
86.8388104438781
94.7332477569580
102.627685070037
110.522122383117
118.416559696197
126.310997009277

Time step 4.9



planes in direction

direction

Y Z



- sh
- formed 1
- tour fill
- es label
- ments label
- radient Result
- ACEMENTS (I)
- ep
- 00000000138E-4
- 00000000141E-4
- 00000000143E-4
- 00000000146E-4
- 00000000148E-4
- 0000000015E-4
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- 00000000155E-4
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- 0000000016E-4
- 00000000163E-4

DISPLACEMENTS (I)

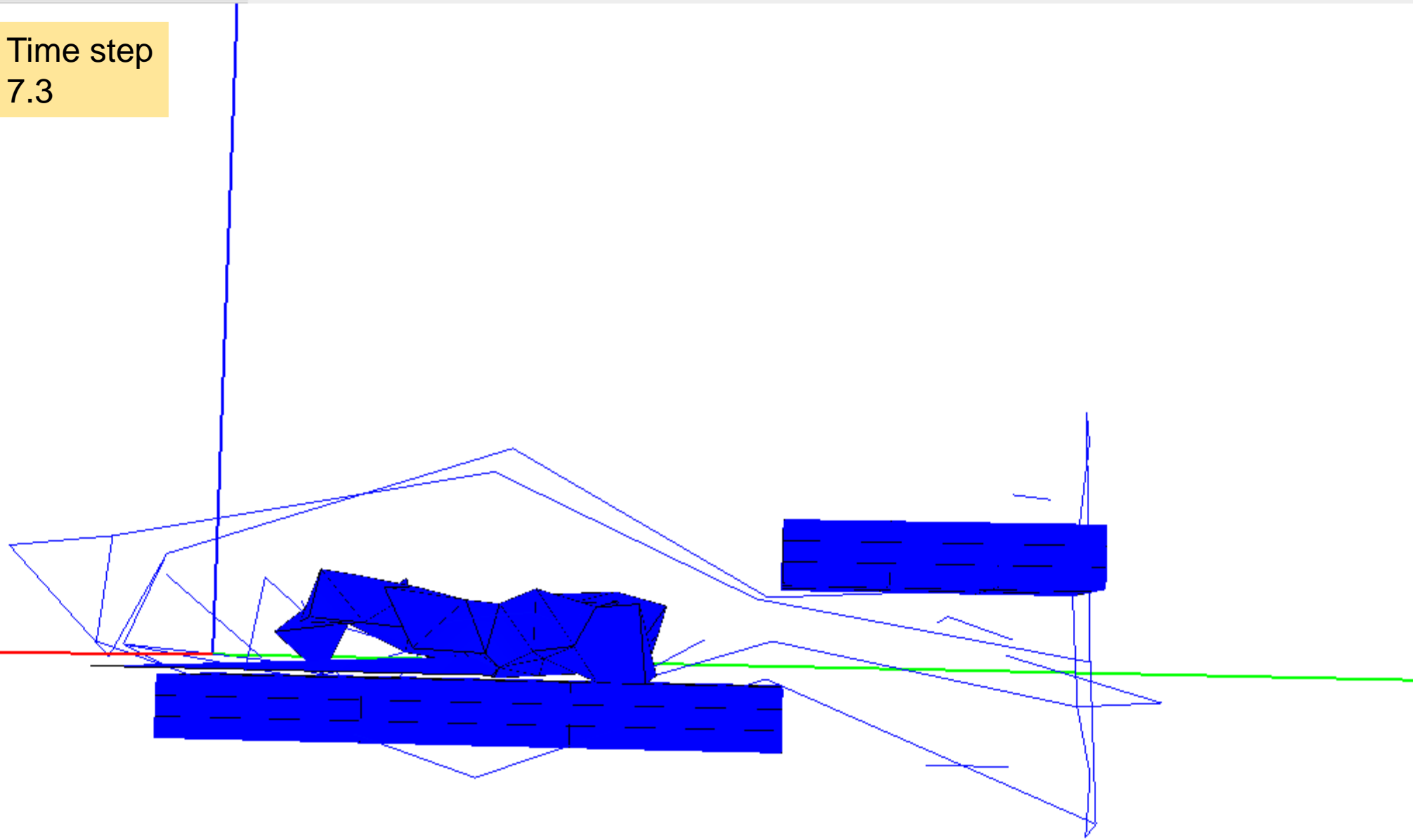
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23.6833119392395
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39.4721865653991
47.3666238784790
55.2610611915588
63.1554985046386
71.0499358177185
78.9443731307983
86.8388104438781
94.7332477569580
102.627685070037
110.522122383117
118.416559696197
126.310997009277

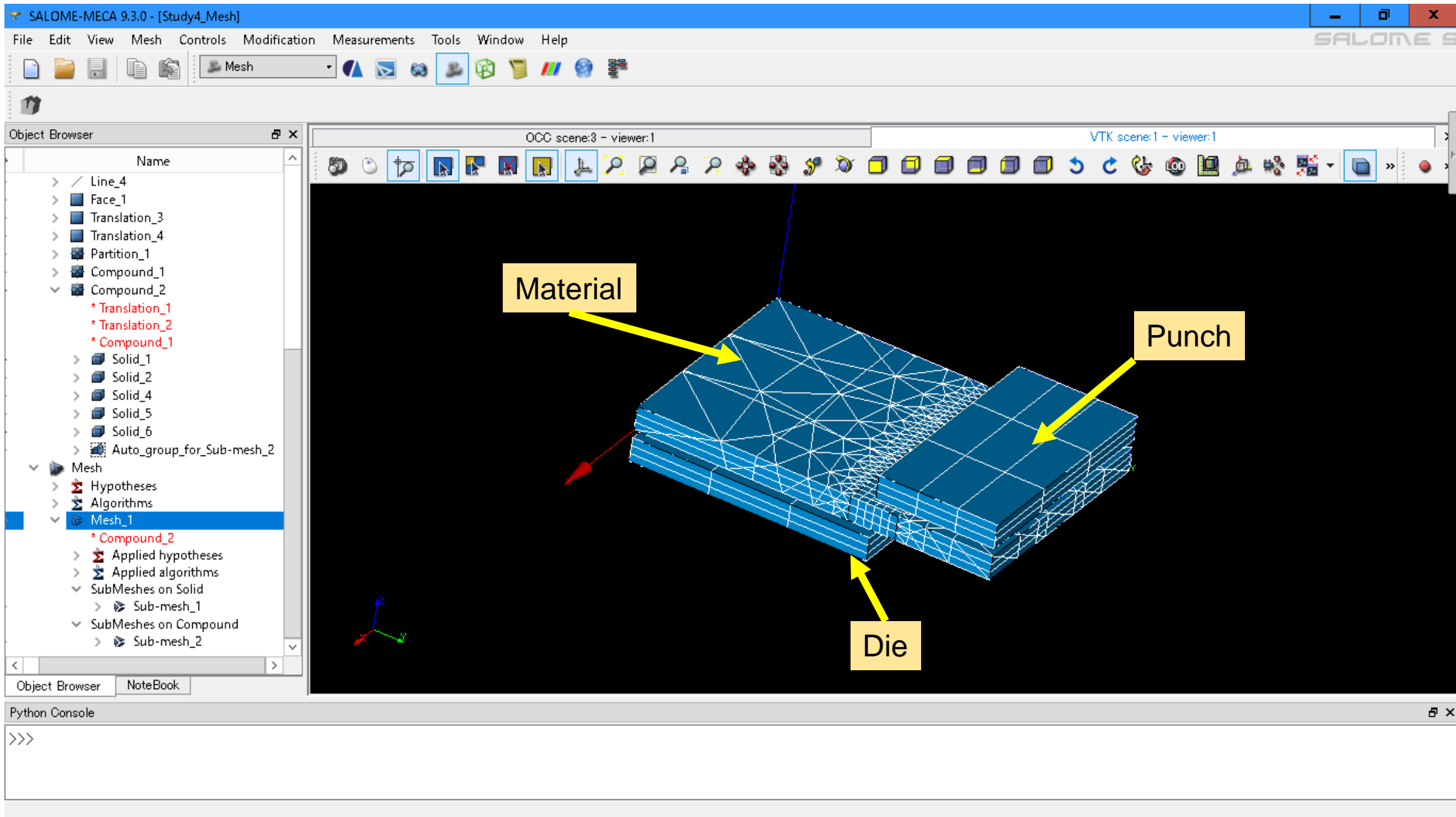
Time step 7.3

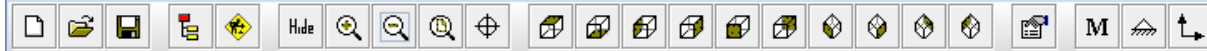
planes in direction

direction

Y Z



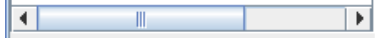
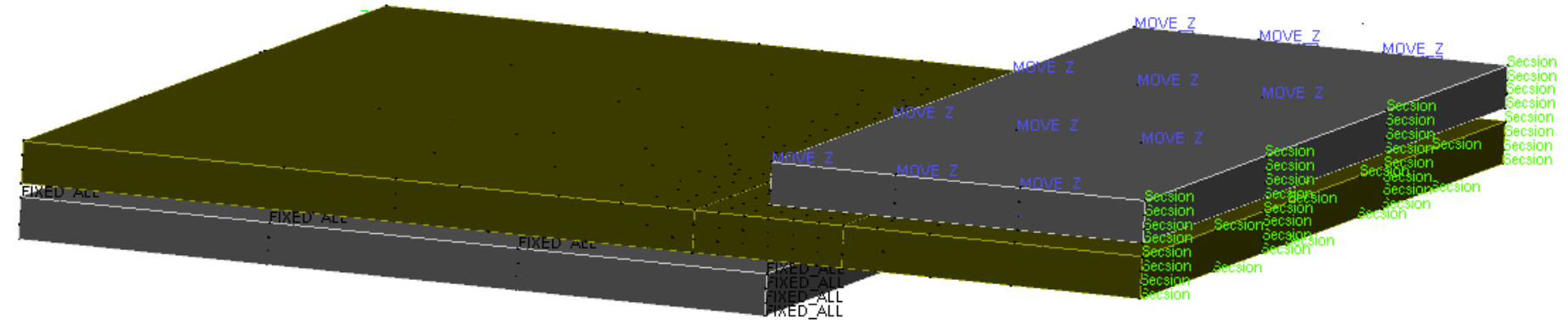




SURFACE

- Node
- Elem
- Geo
- C:\Users\mec21\Desktop\Impac

Draw Modify



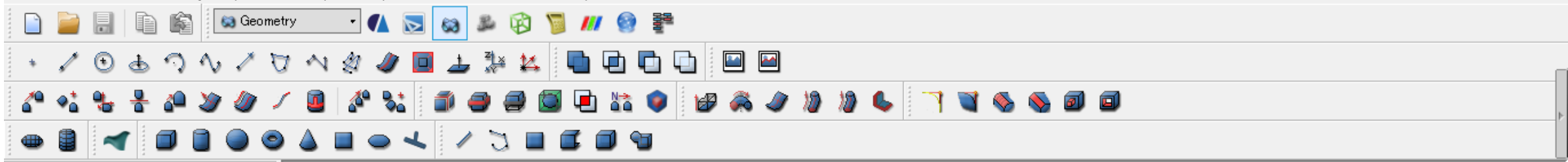
Rotate around of point

X	Y	Z
0	0	0

X-axis Y-axis Z-axis

Angle 45

Rotate



Object Browser

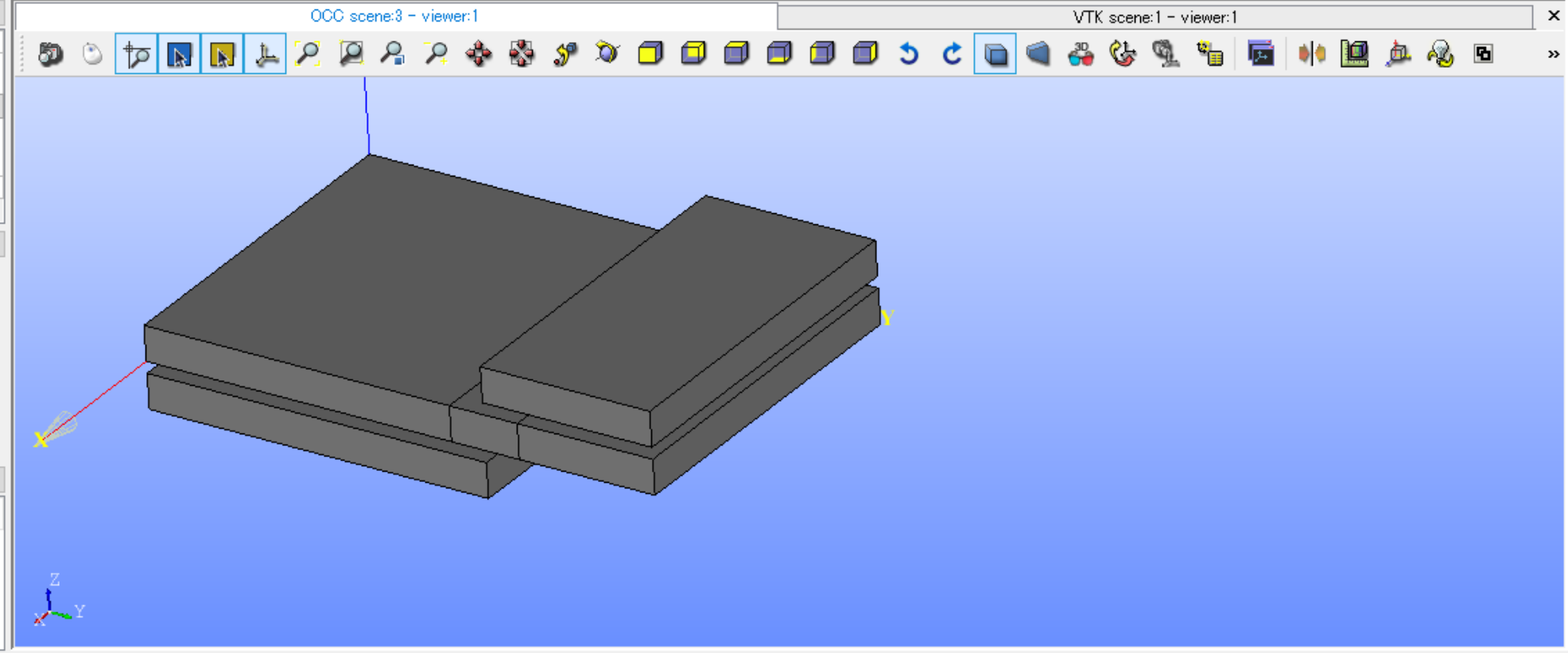
Name
> / Line_3
> / Line_4
> Face_1
> Translation_3
> Translation_4
> Partition 1

Information

Parameter	Value
-----------	-------

Text

Name
Dimensions
Annotations



Python Console

```
>>>
```