

**views on an object - Y5527\_GRADCAP**

(from the NTU 3d model database)

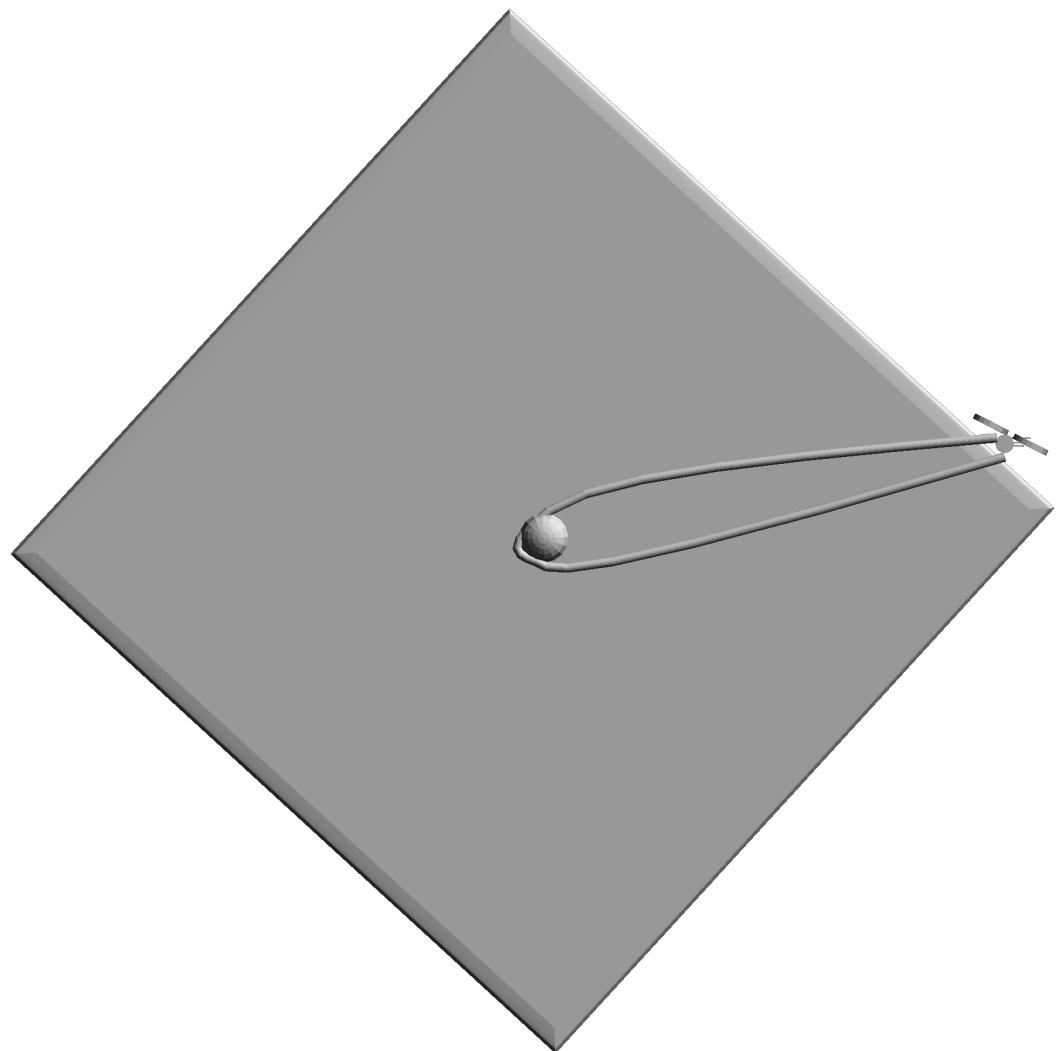


## 1 GRADCAP

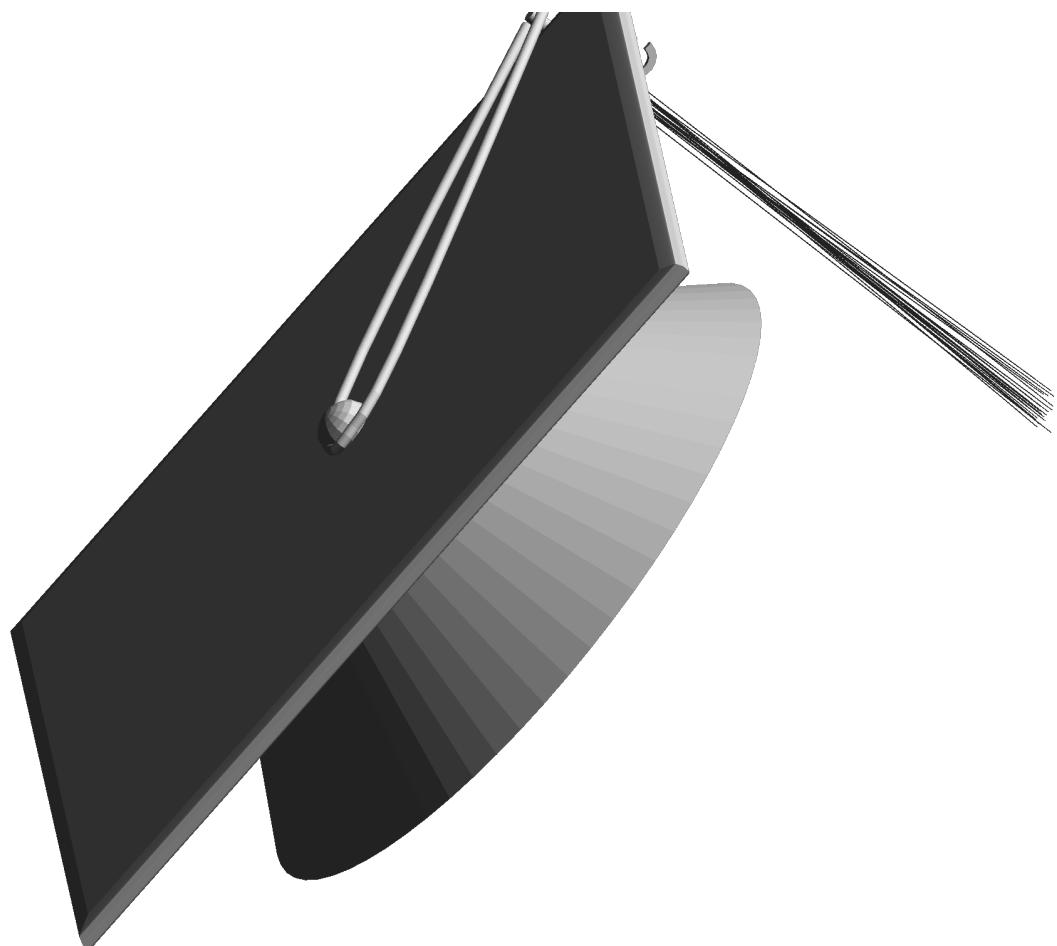
- 1 Sphere01
  - 1 Material\_\_2
- 2 Cap\_Top
- 3 Cap\_Bottom
- 4 Gold(press)
  - 1 Material\_\_1
- 5 Loft36
  - 1 black
- 6 Loft62
- 7 Loft61
- 8 Loft60
- 9 Loft59
- 10 Loft58
- 11 Loft57
- 12 Loft56
- 13 Loft55
- 14 Loft54
- 15 Loft53
- 16 Loft52
- 17 Loft51
- 18 Loft50
- 19 Loft49
- 20 Loft48
- 21 Loft47
- 22 Loft46
- 23 Loft45
- 24 Loft44
- 25 Loft43
- 26 Loft42
- 27 Loft41
- 28 Loft40
- 29 Loft39
- 30 Loft05
- 31 Loft63
- 32 Loft35
- 33 Loft34
- 34 Loft33
- 35 Loft32
- 36 Loft31
- 37 Loft30
- 38 Loft29
- 39 Loft28
- 40 Loft27
- 41 Loft26
- 42 Loft25
- 43 Loft24

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44 Loft23
45 Loft22
46 Loft21
47 Loft20
48 Loft19
49 Loft18
50 Loft17
51 Loft16
52 Loft15
53 Loft14
54 Loft04
55 Loft03
56 Loft37
57 String_To0
    1 Material__2
58 Cylinder02
59 Text_96
    1 Material__1
```

Default rotation



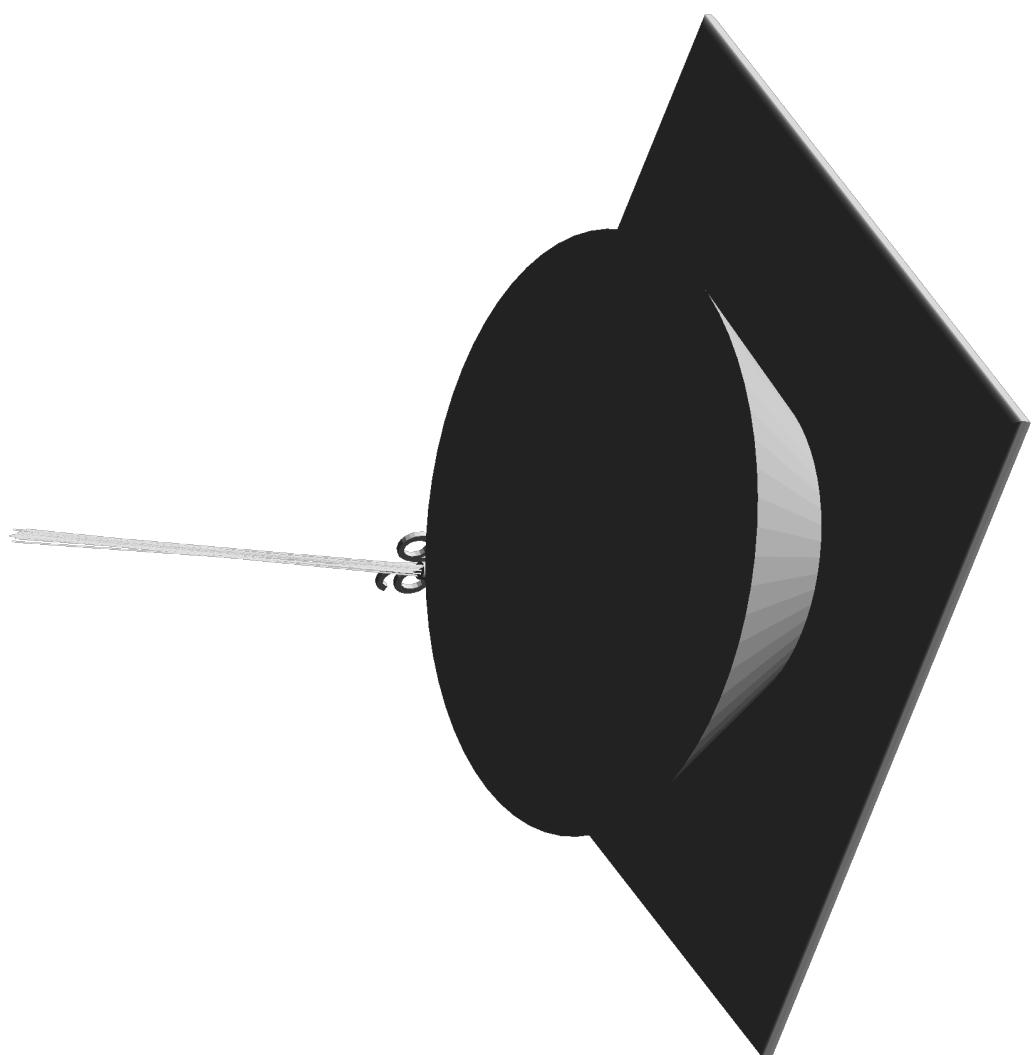
Rotation 1



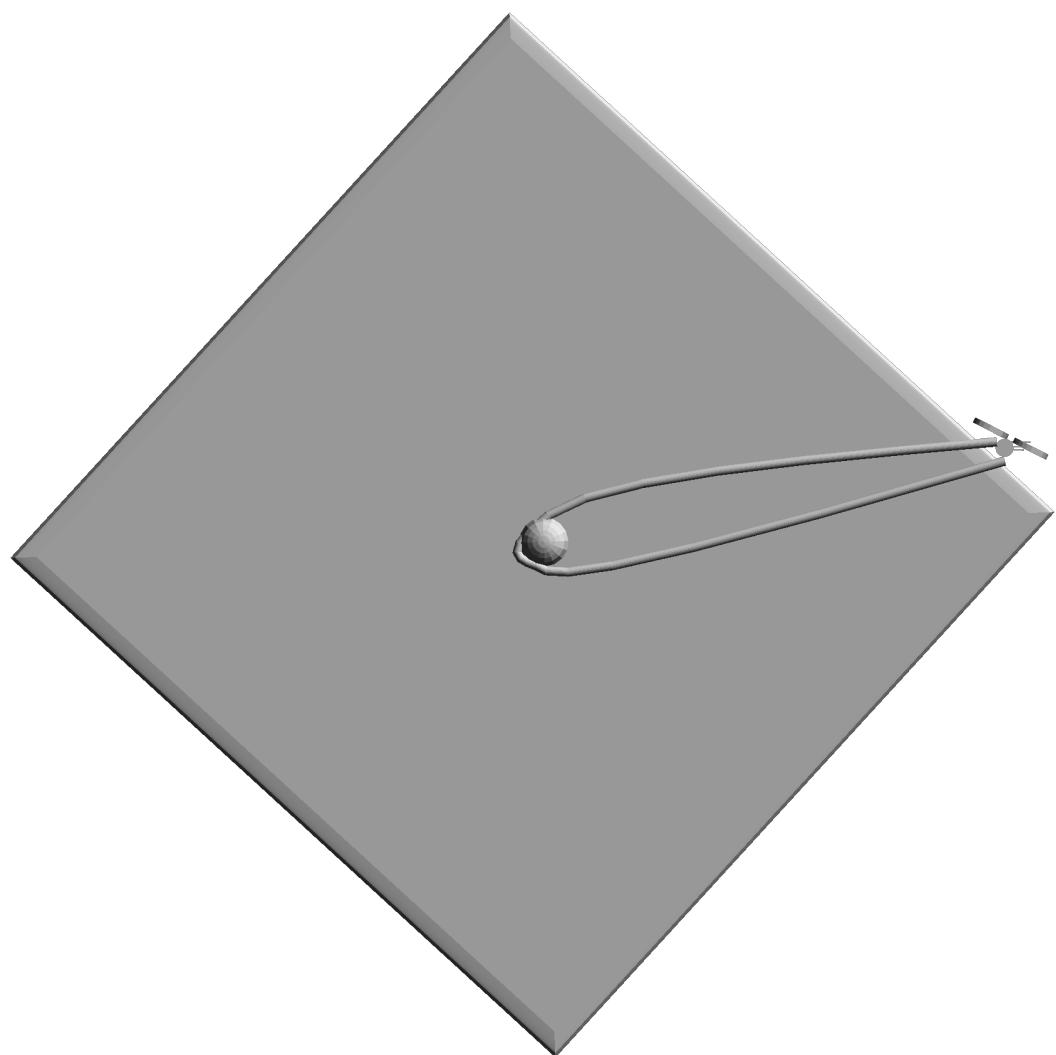
Rotation 2



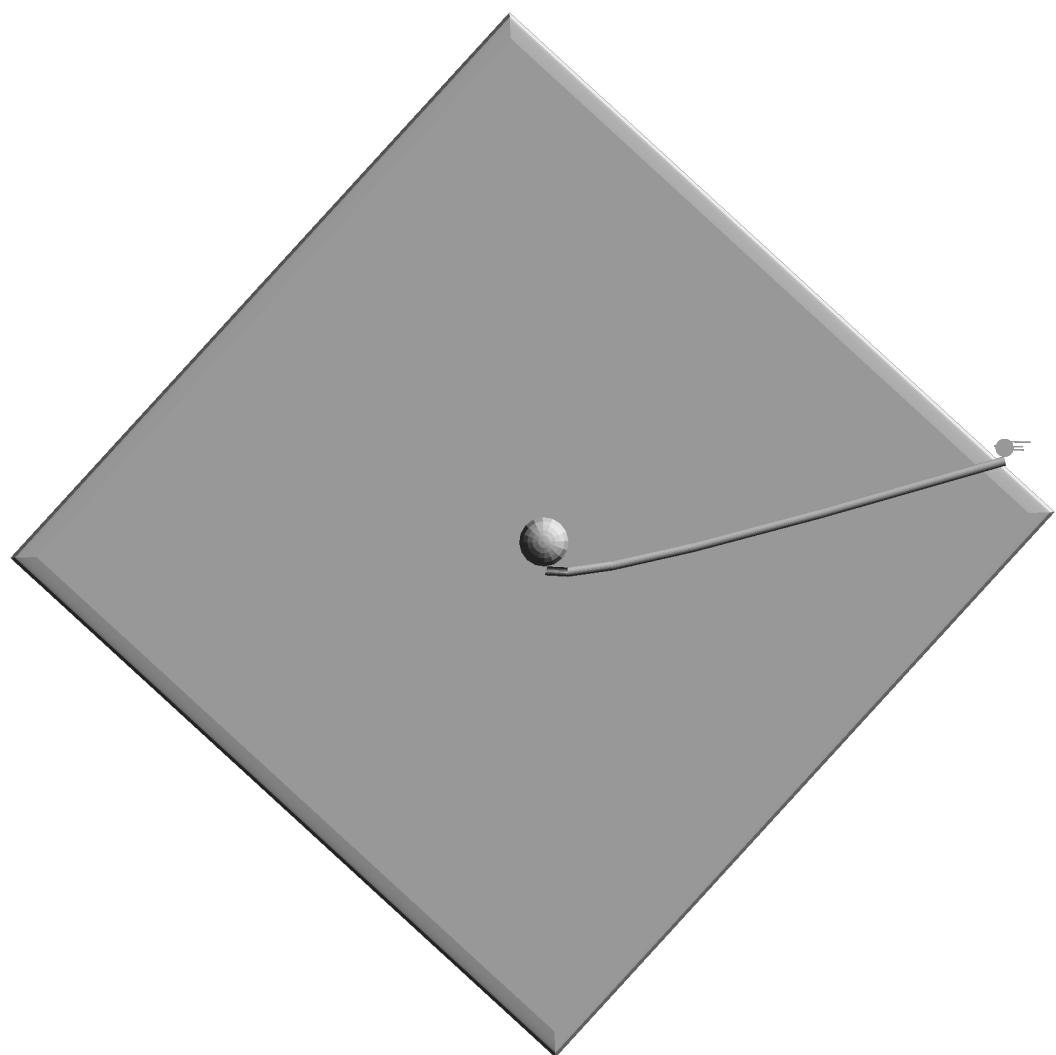
Rotation 3



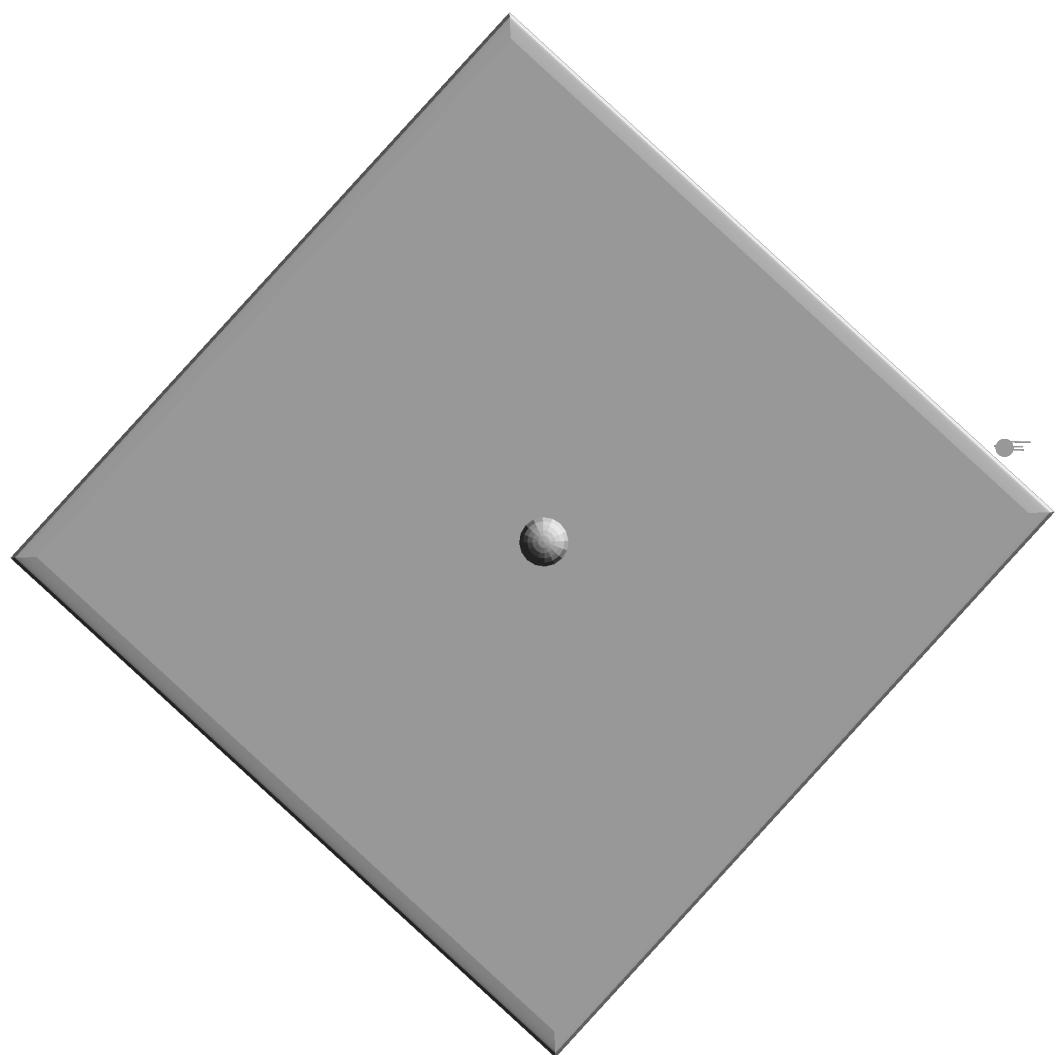
Truncation 20 of 20



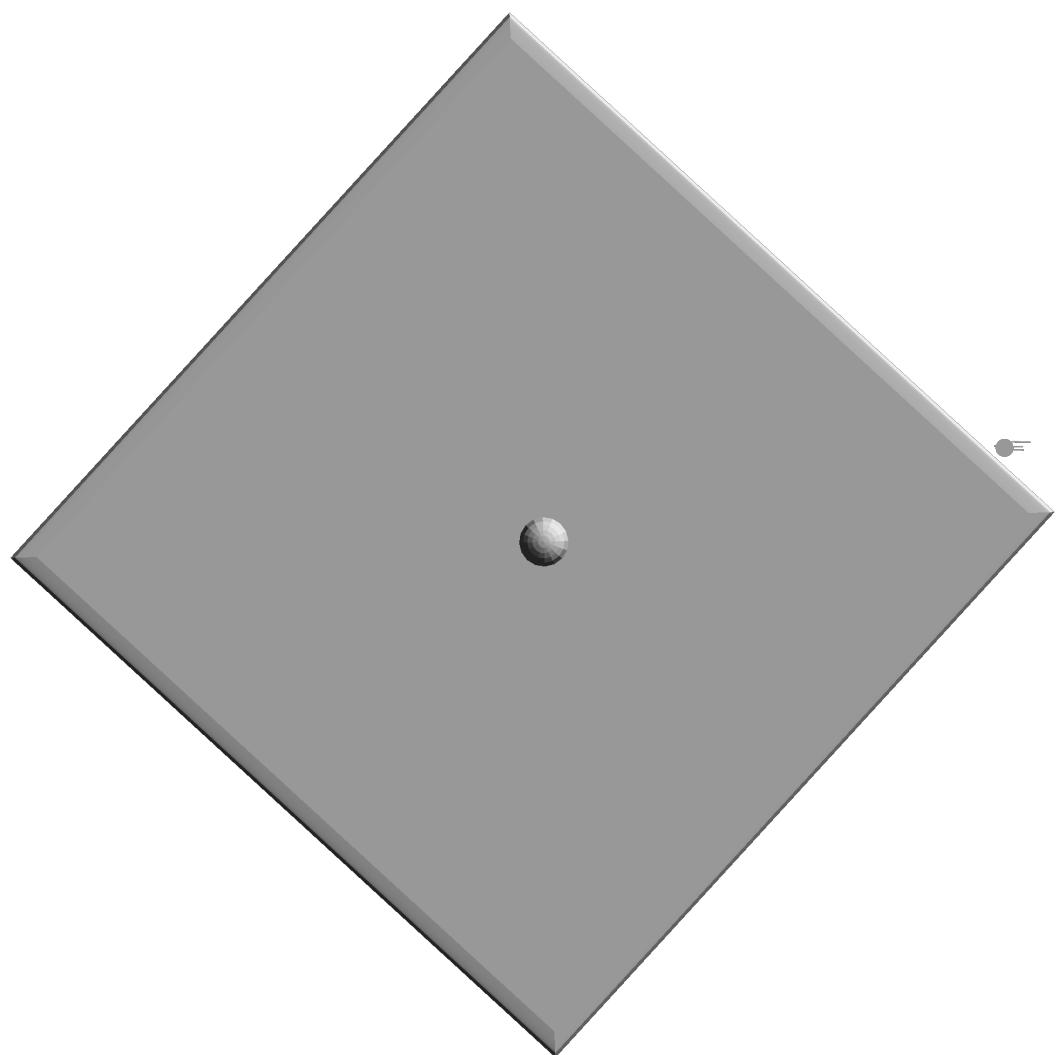
Truncation 19 of 20



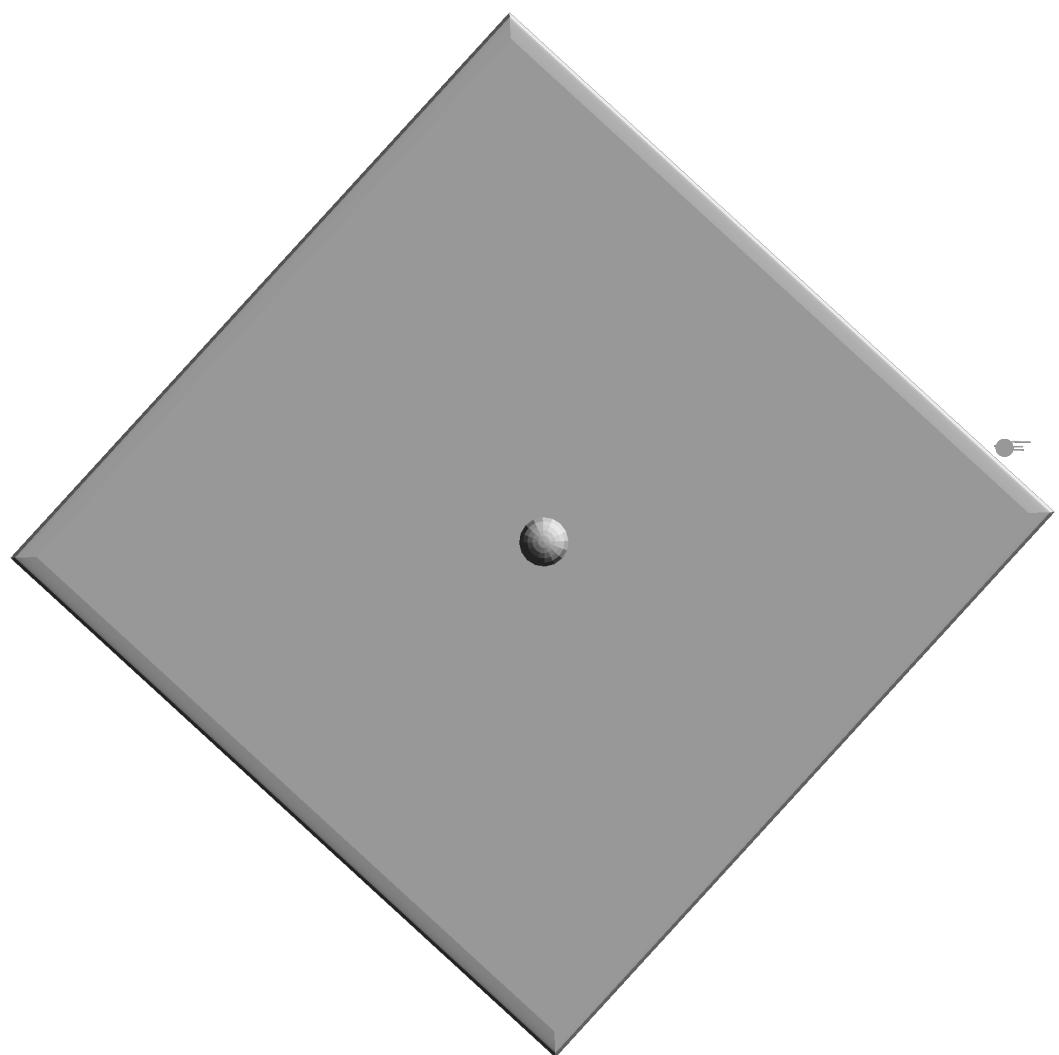
Truncation 18 of 20



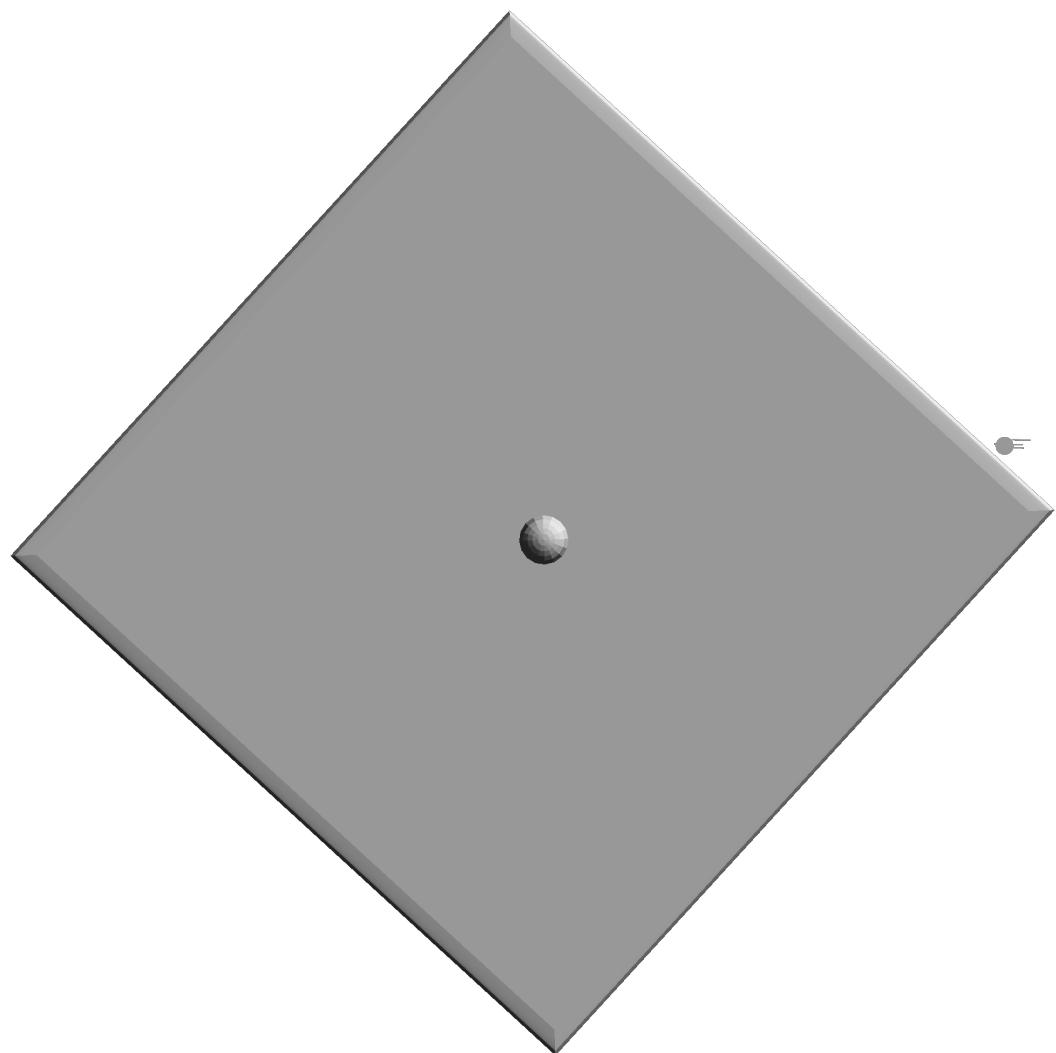
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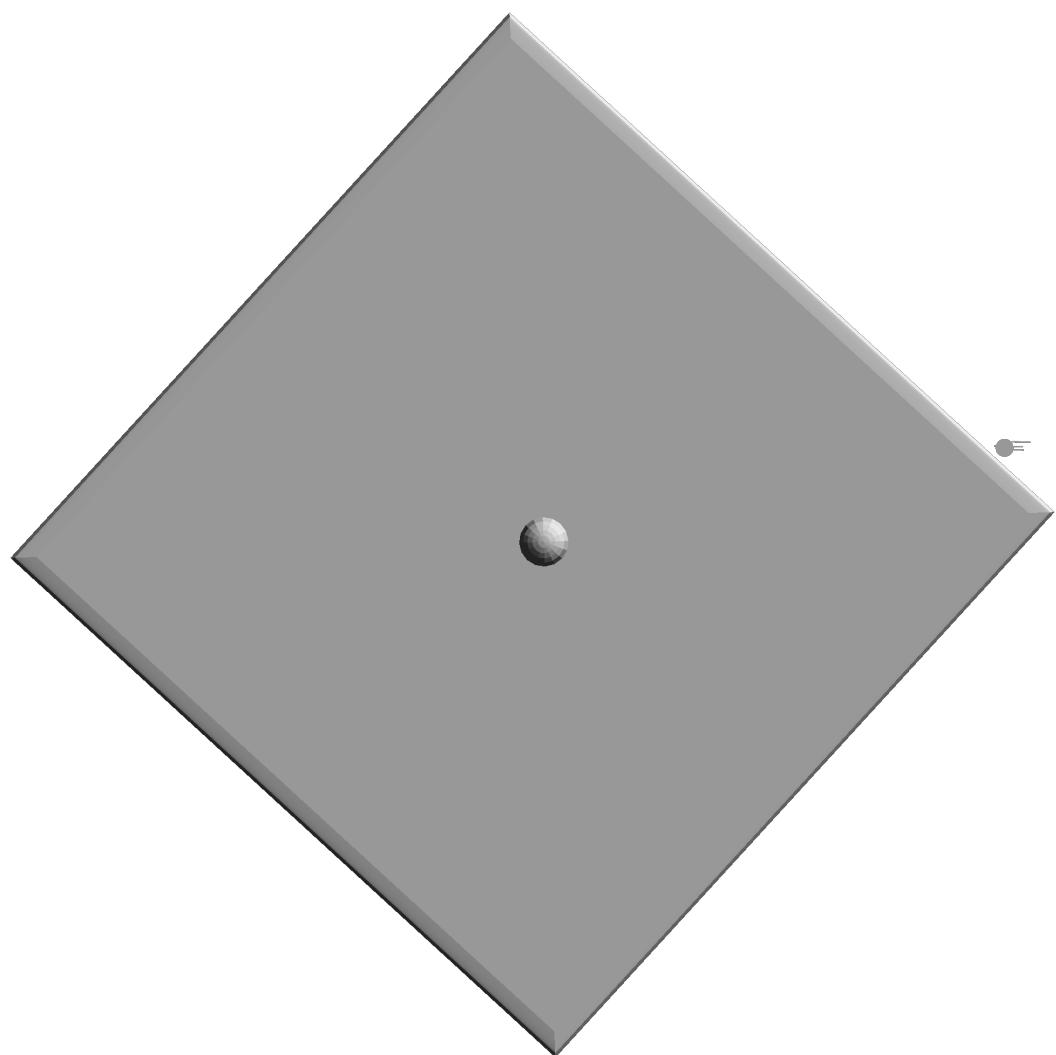
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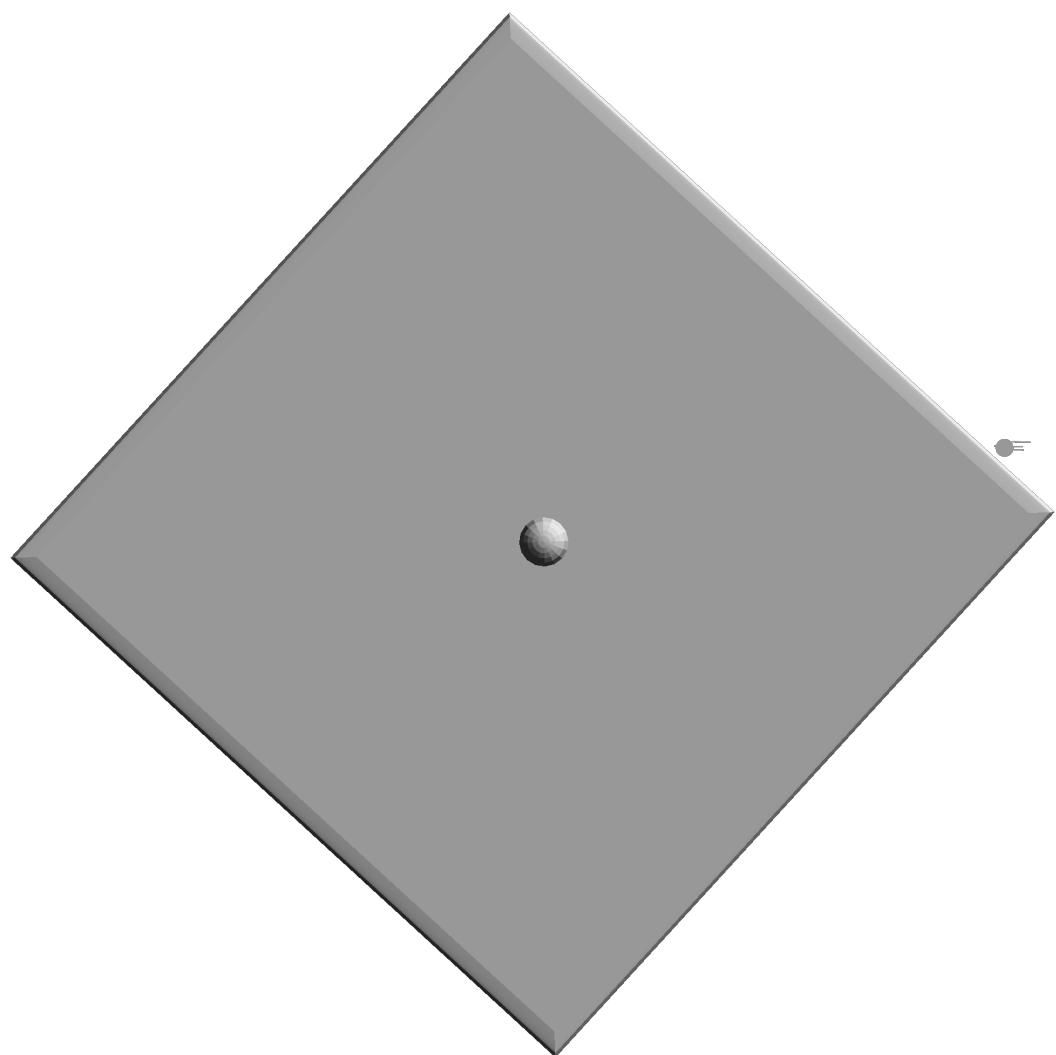
Truncation 15 of 20



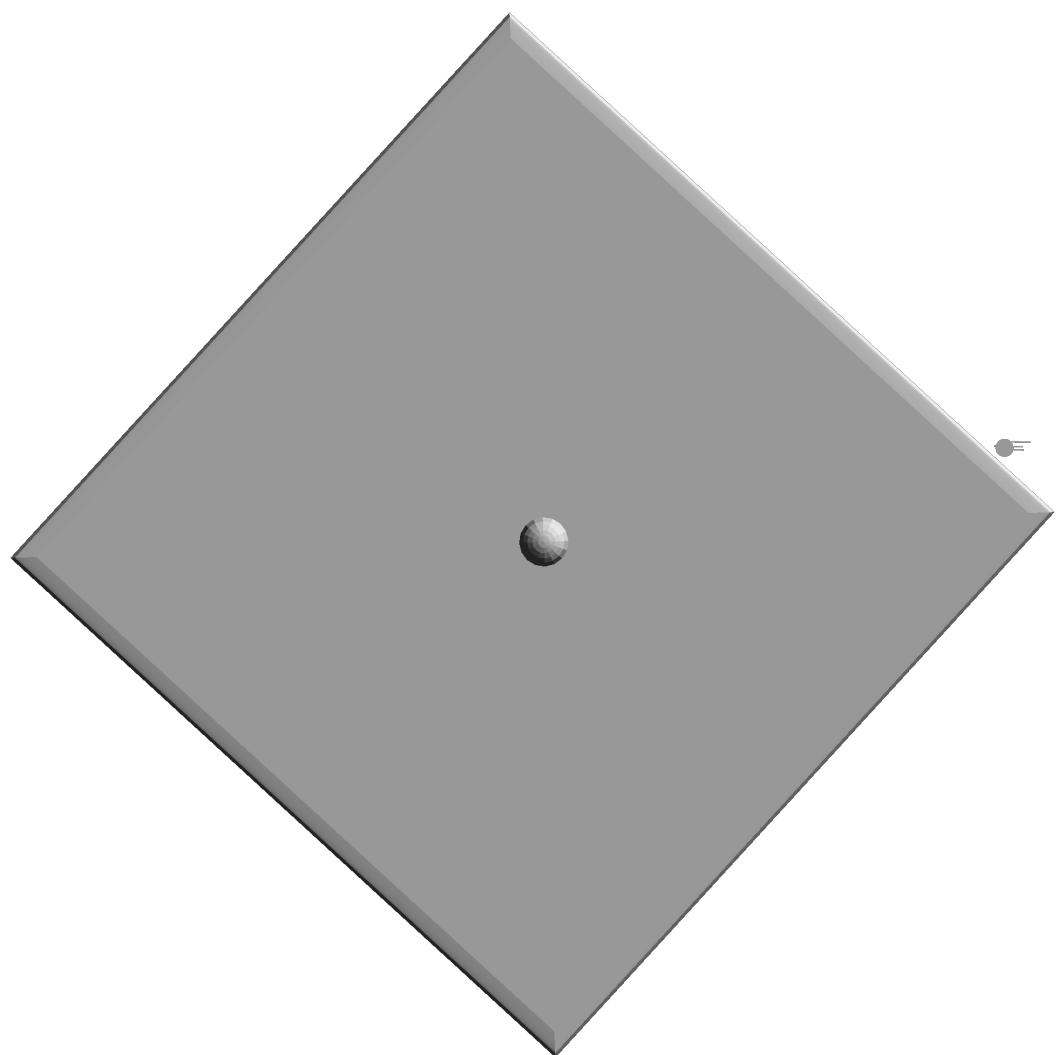
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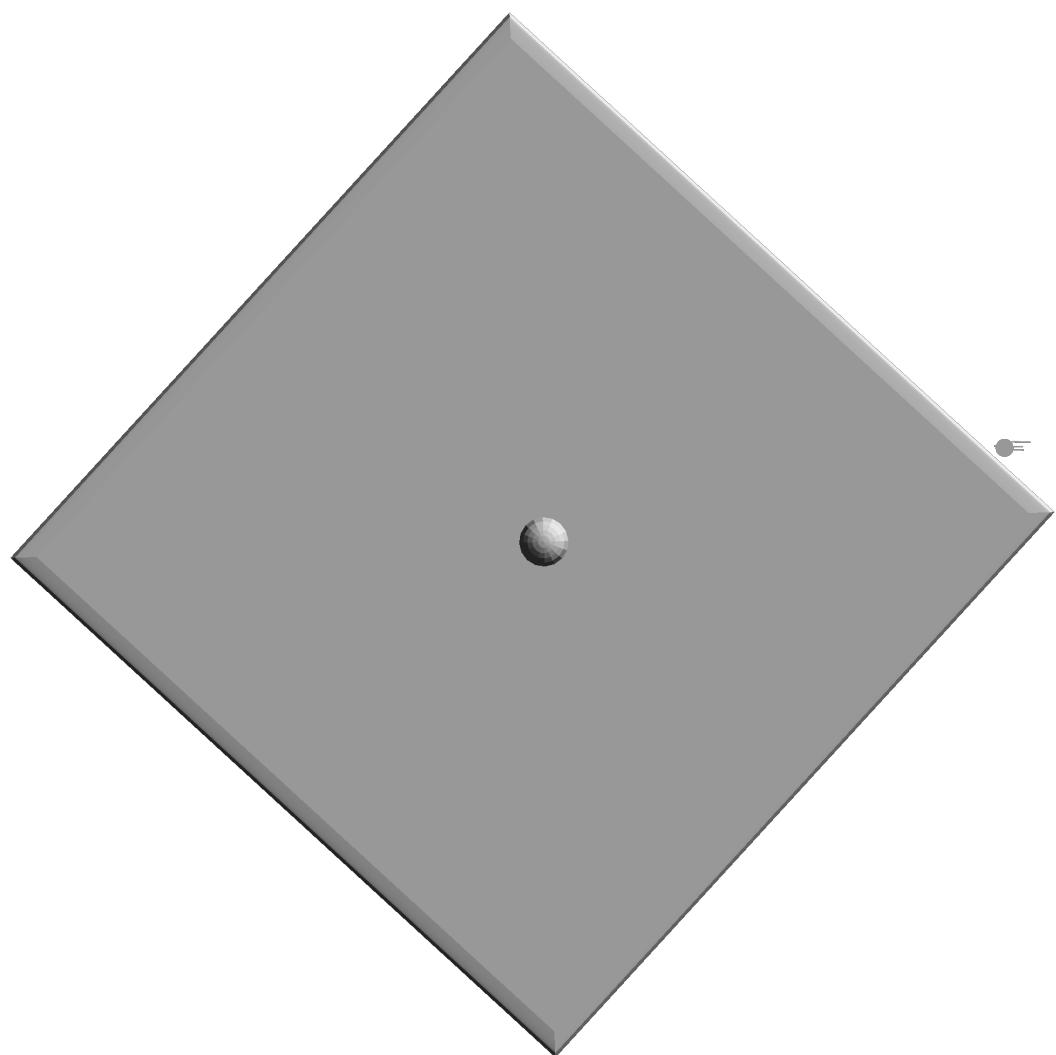
Truncation 13 of 20



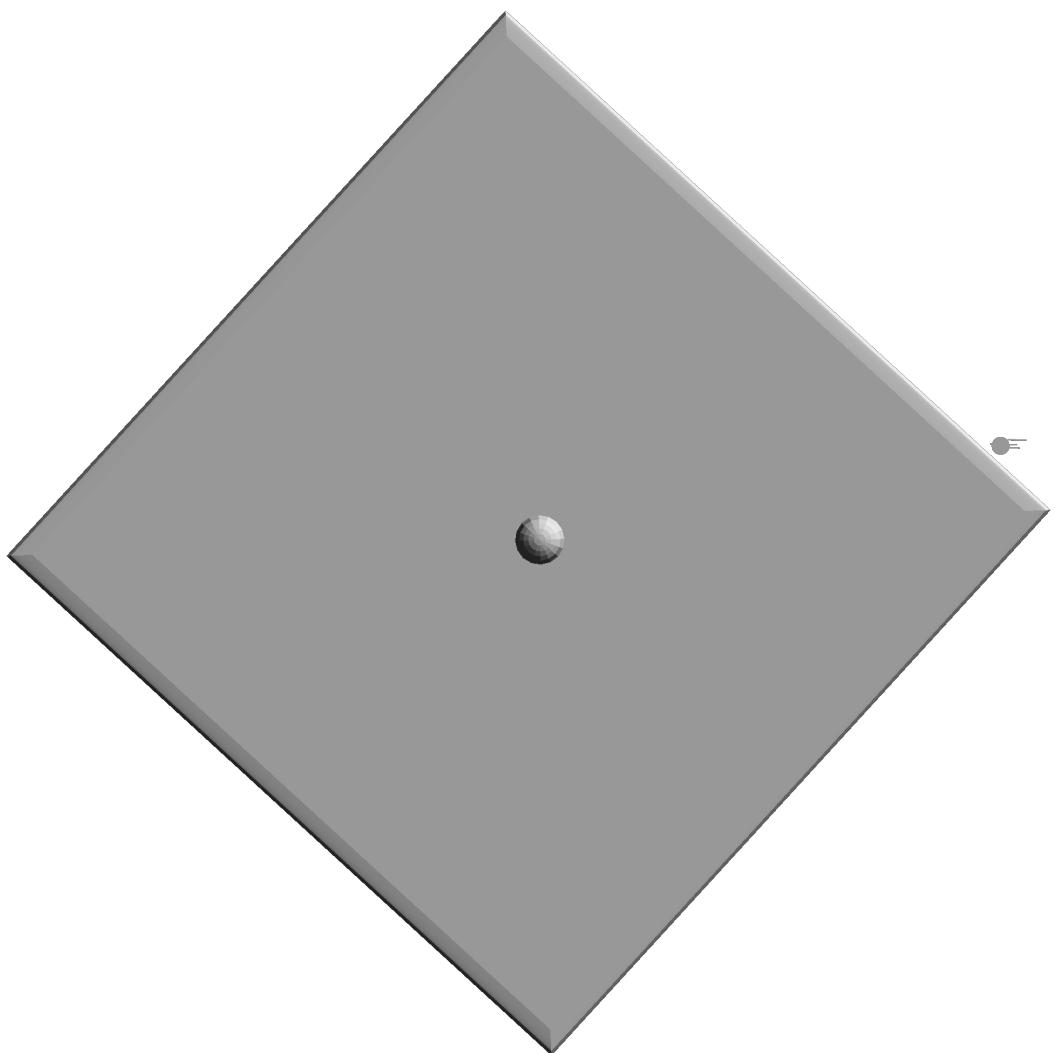
Truncation 12 of 20



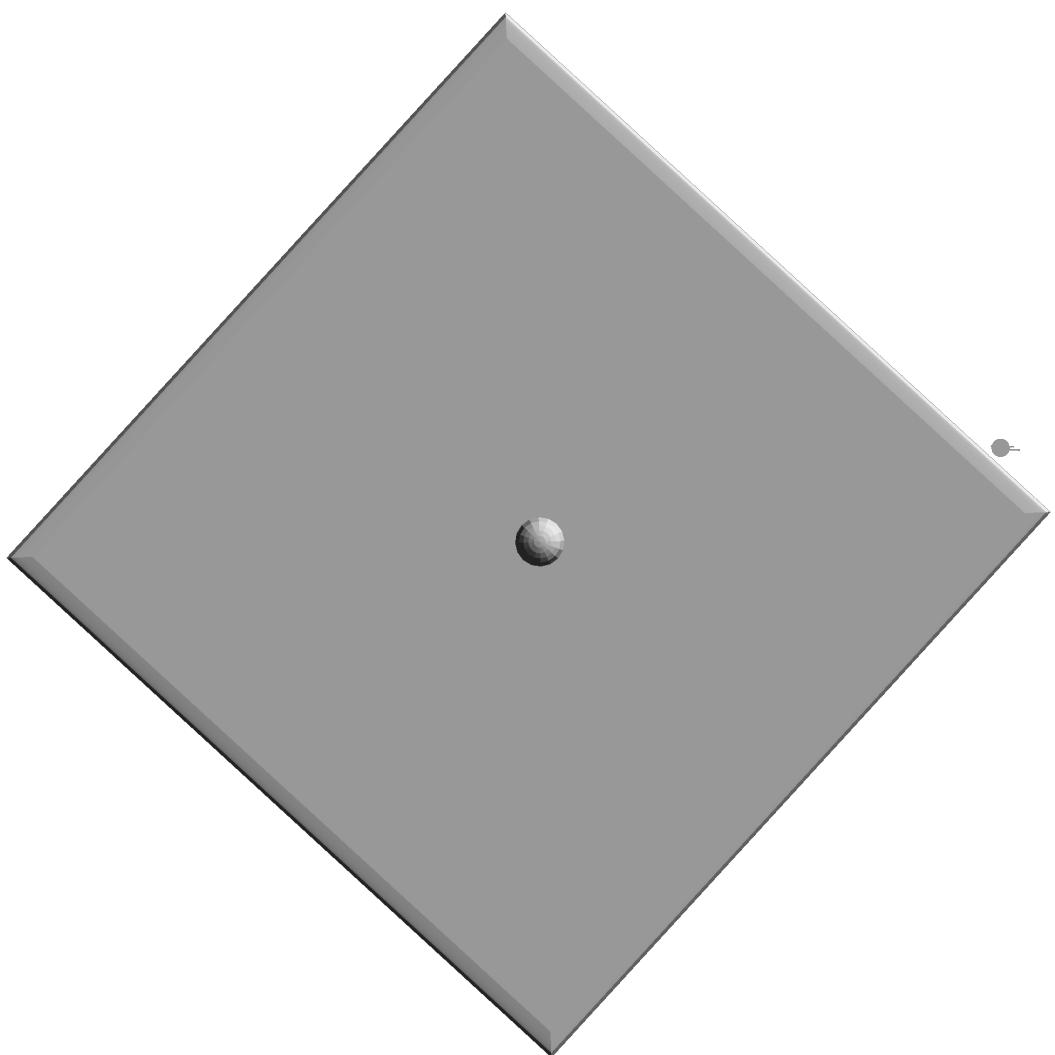
Truncation 11 of 20



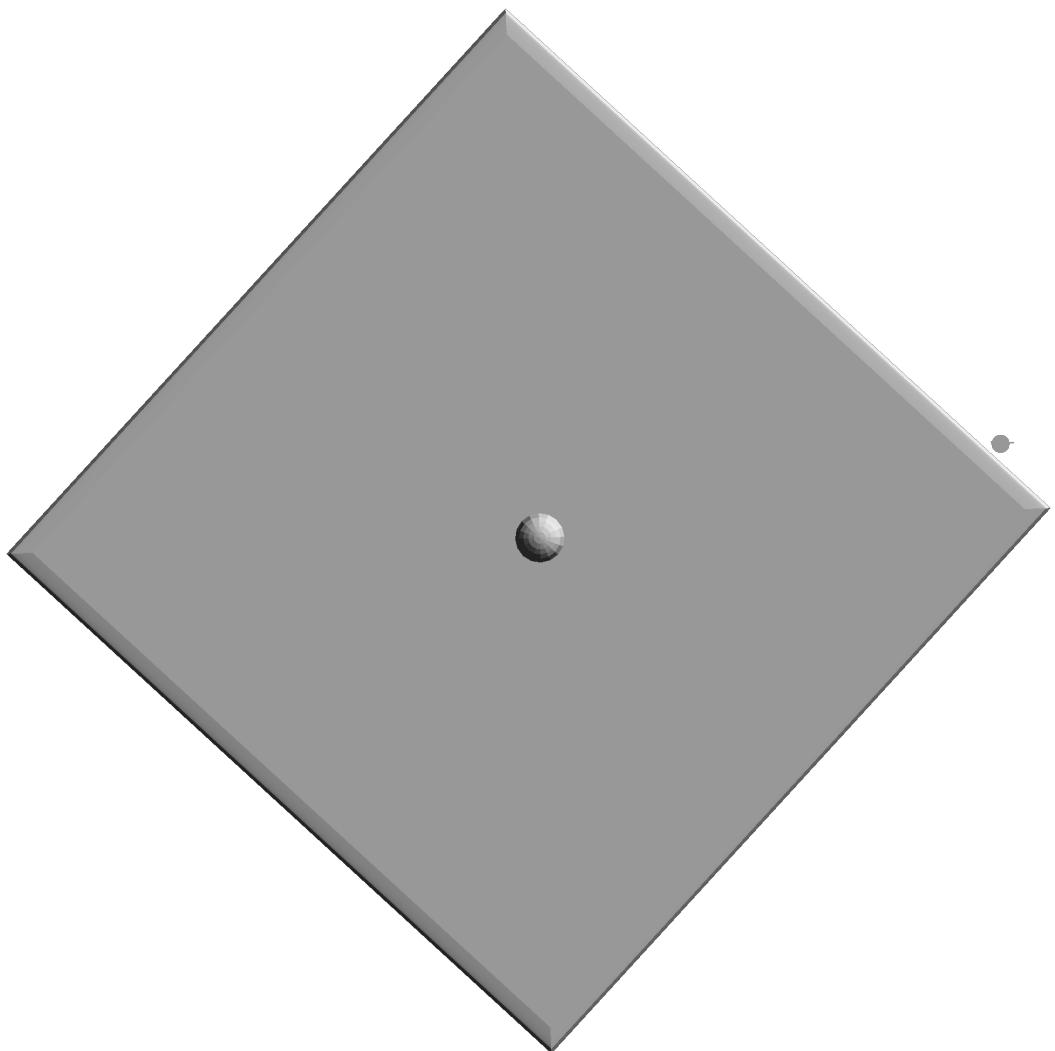
Truncation 10 of 20



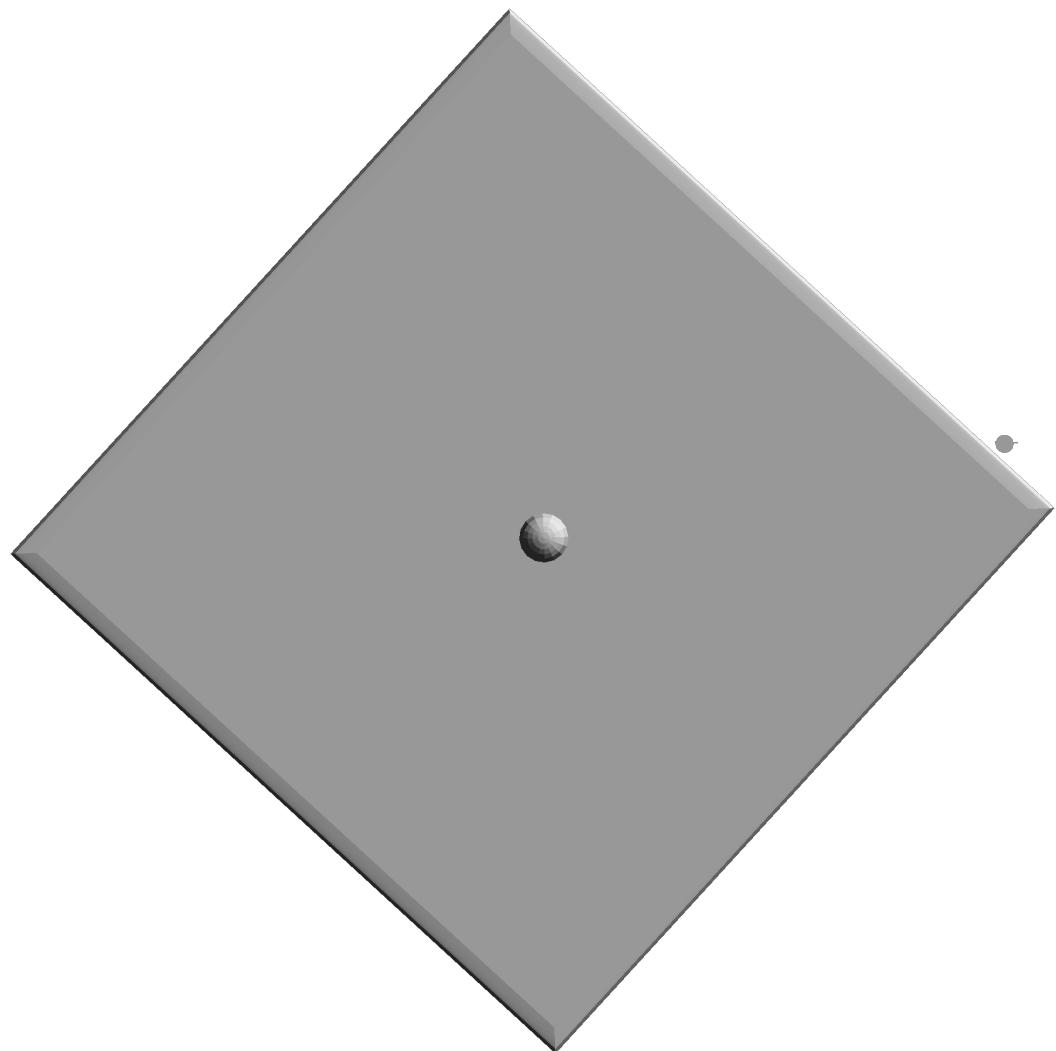
Truncation 9 of 20



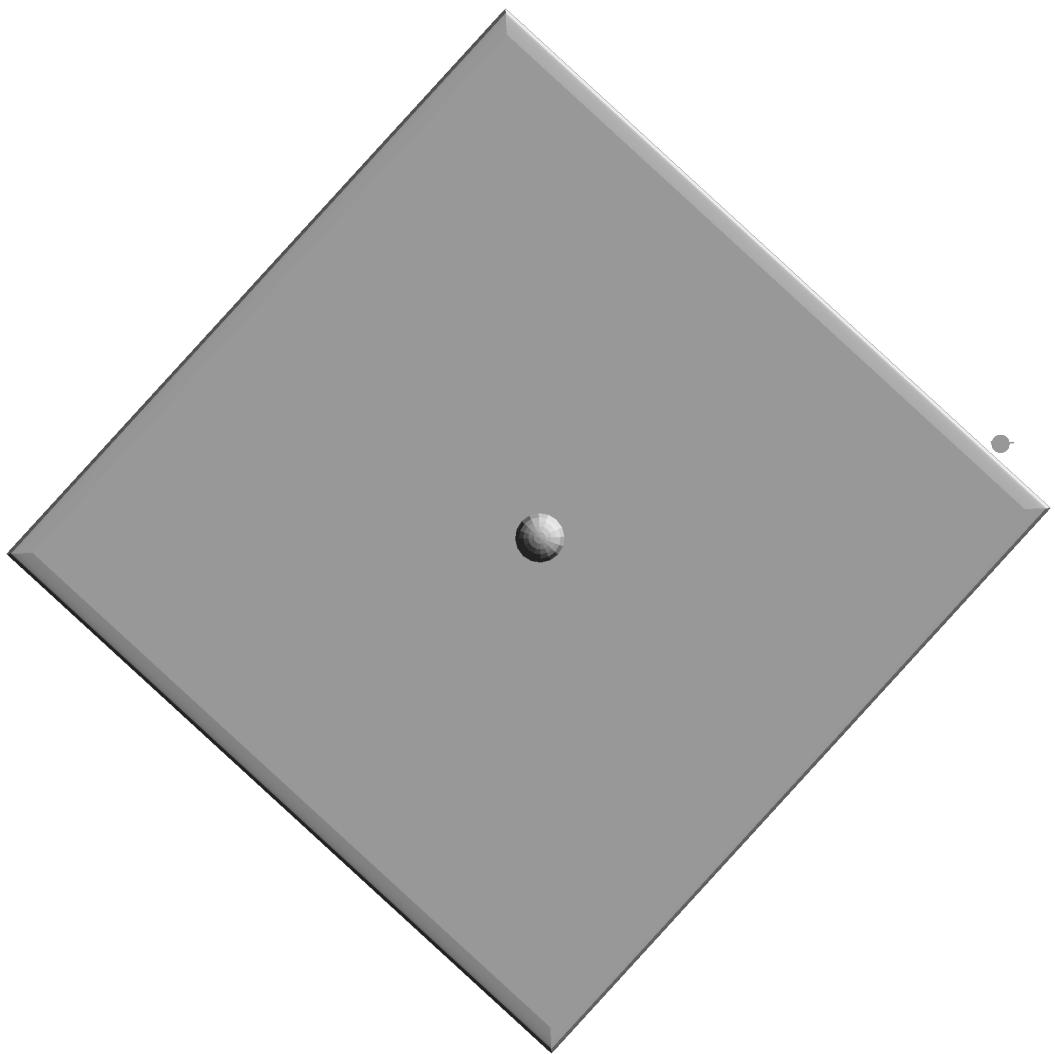
Truncation 8 of 20



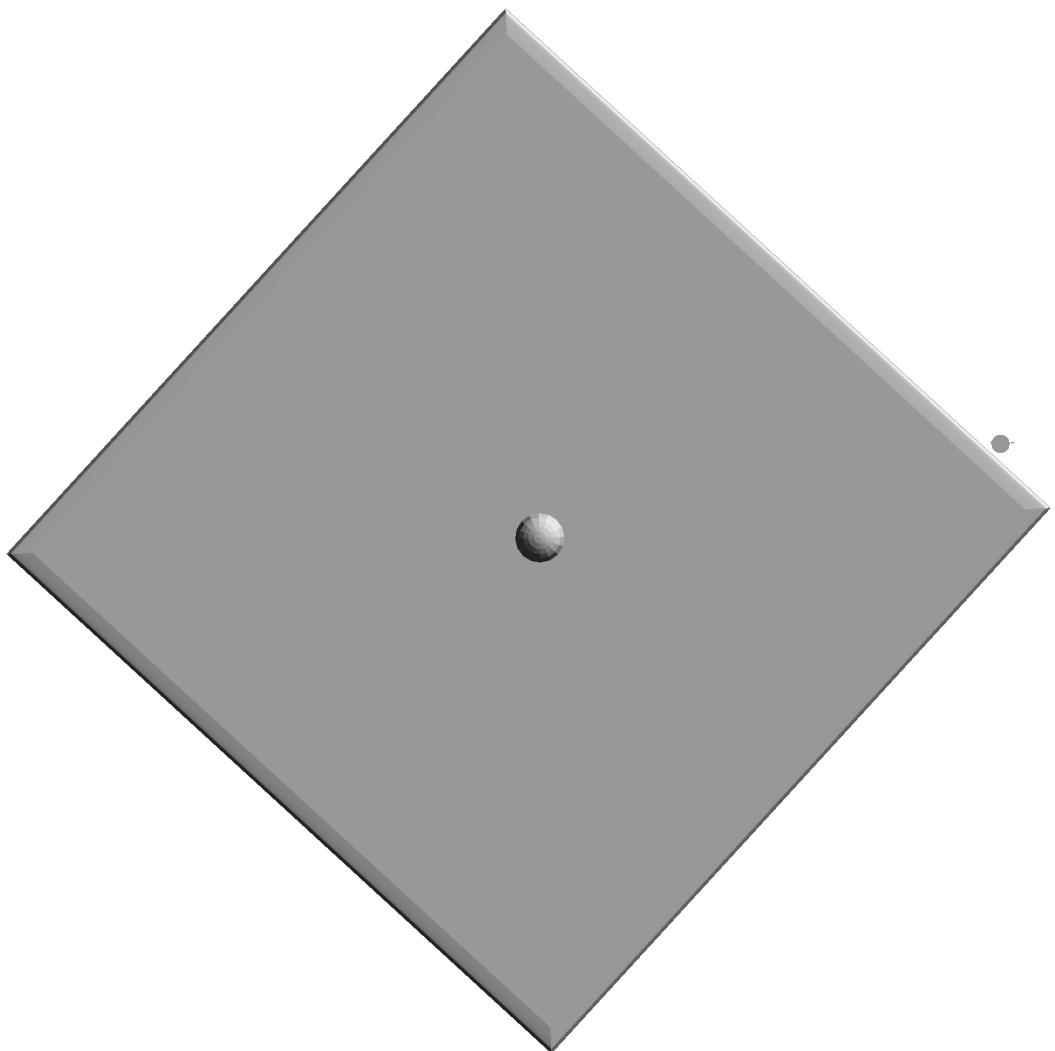
Truncation 7 of 20



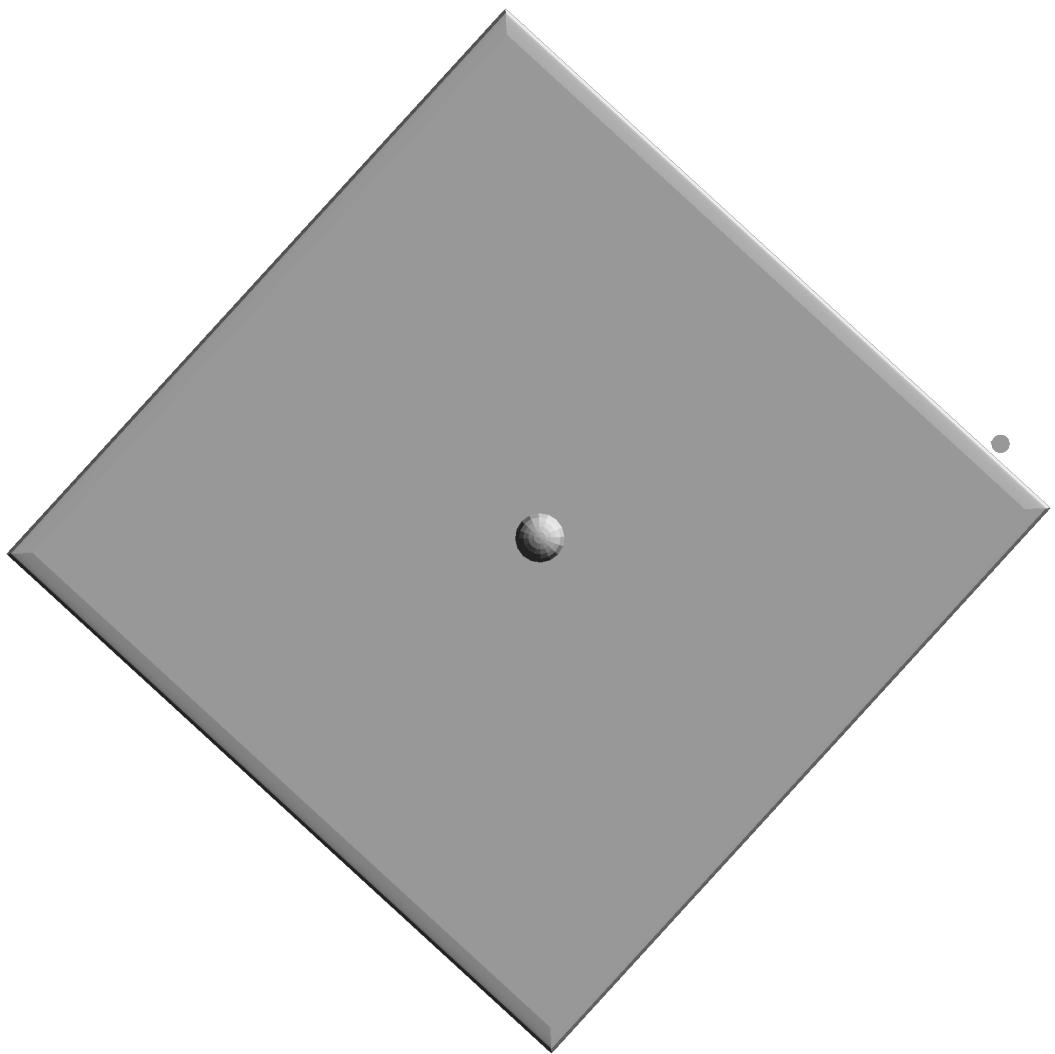
Truncation 6 of 20



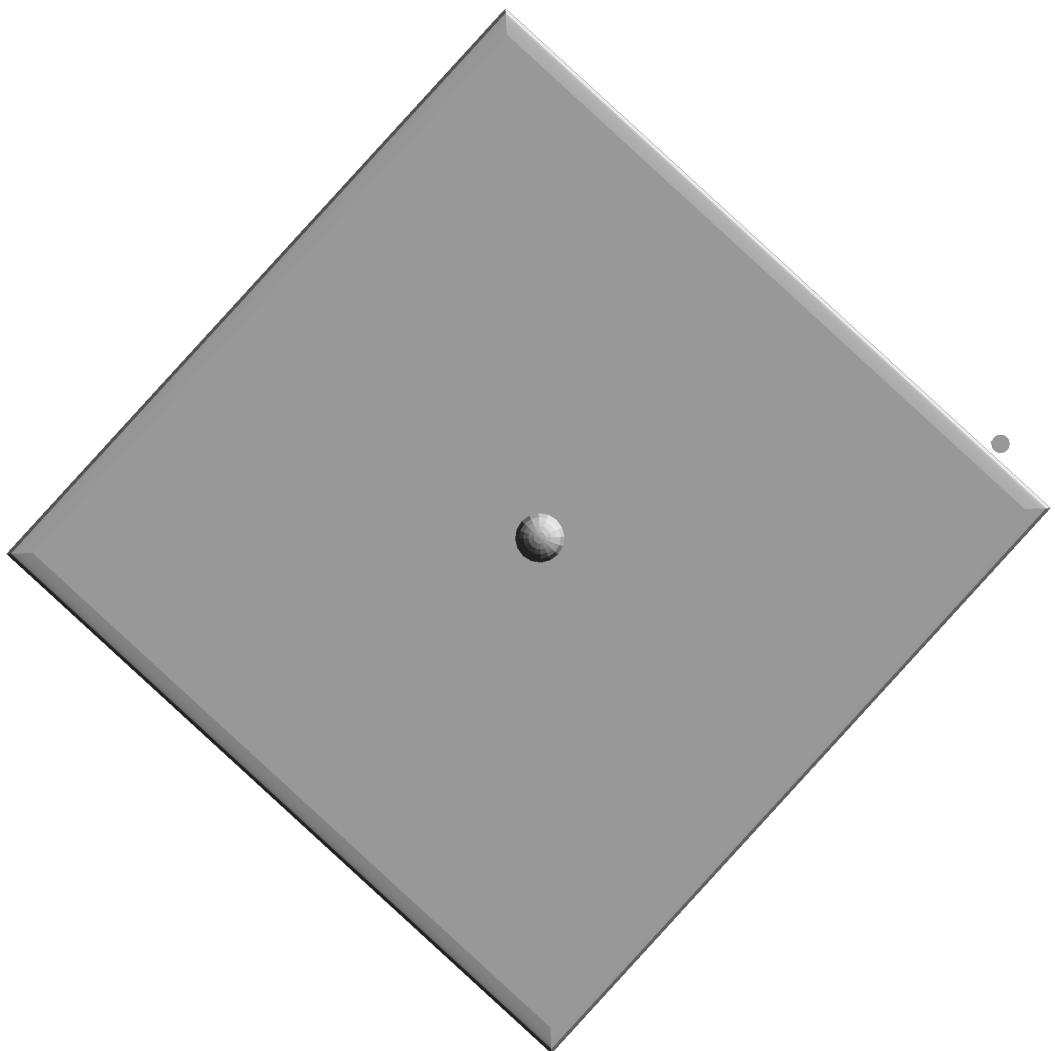
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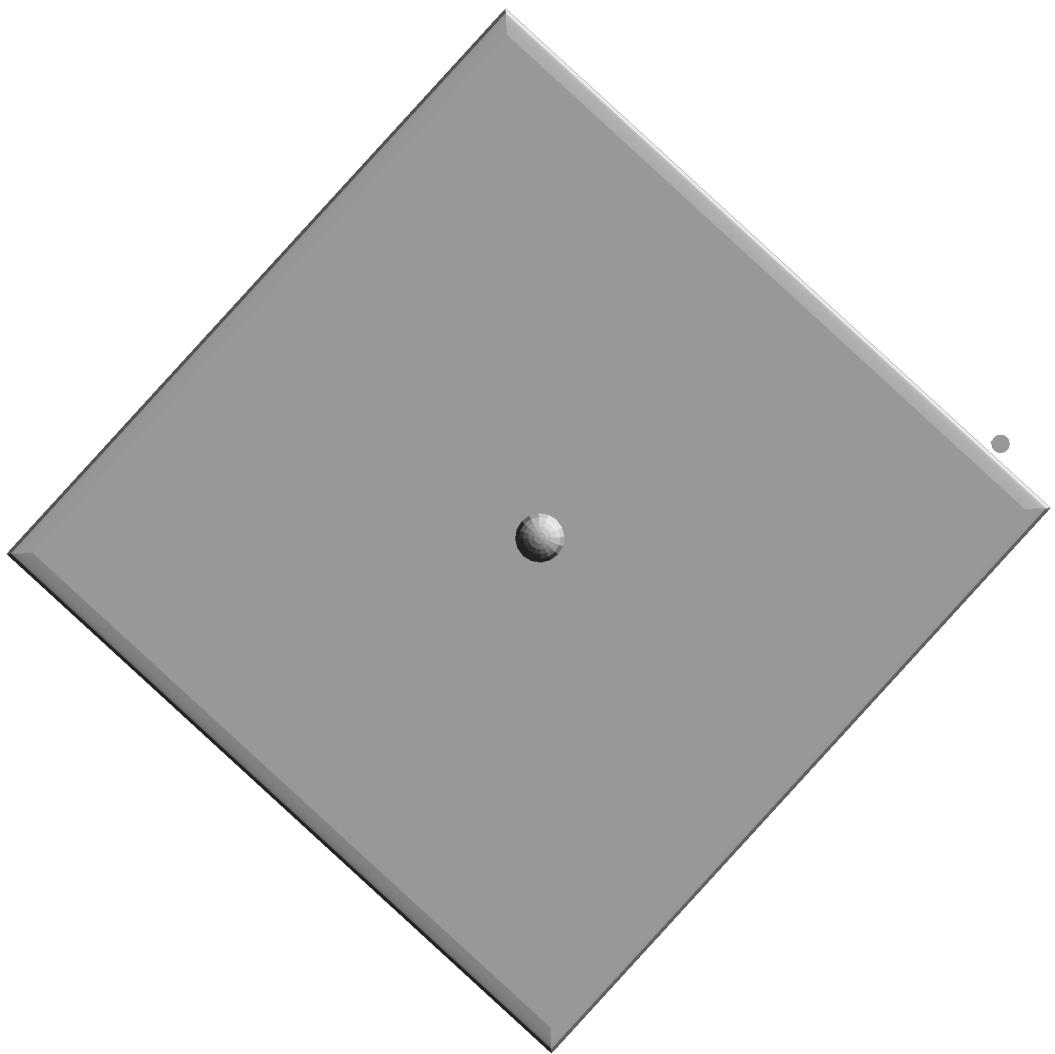
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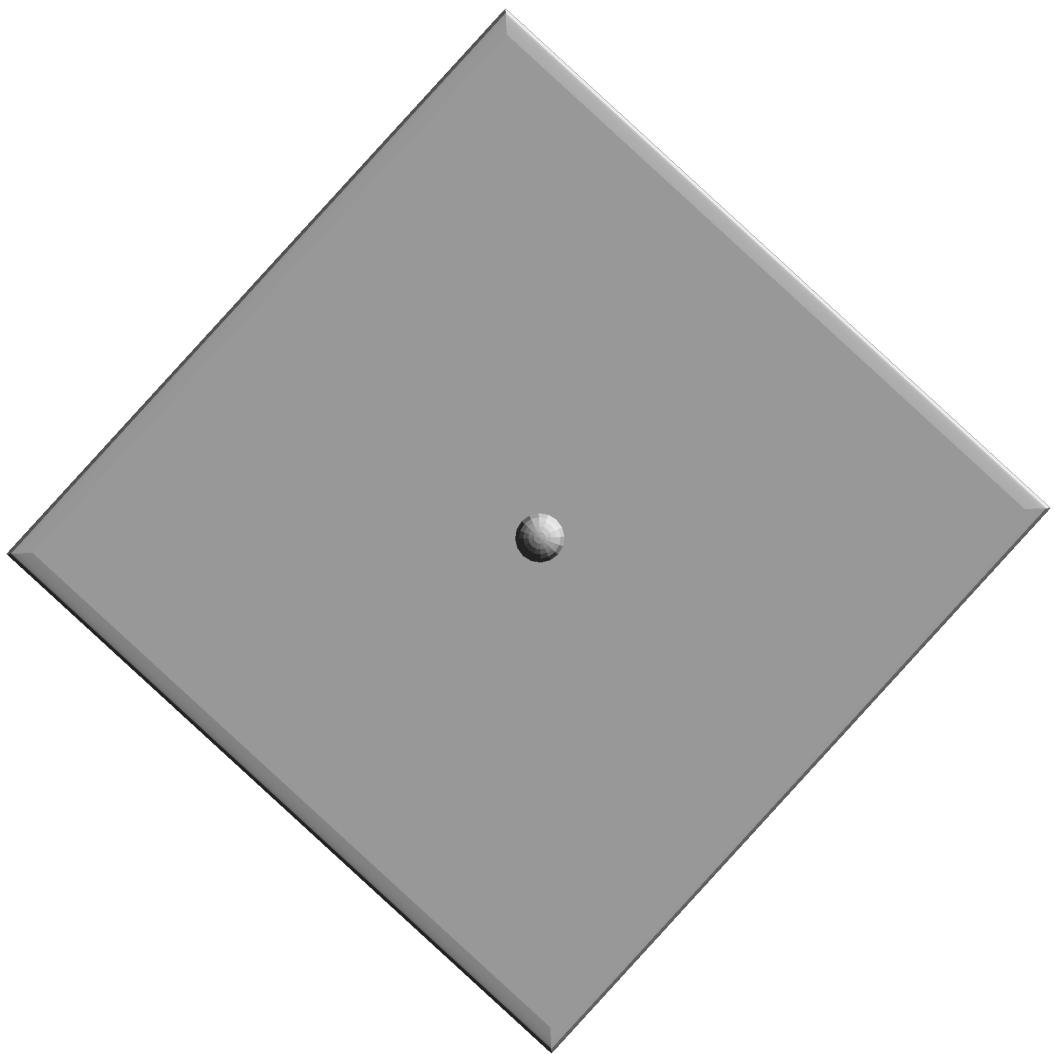
Truncation 3 of 20



Truncation 2 of 20



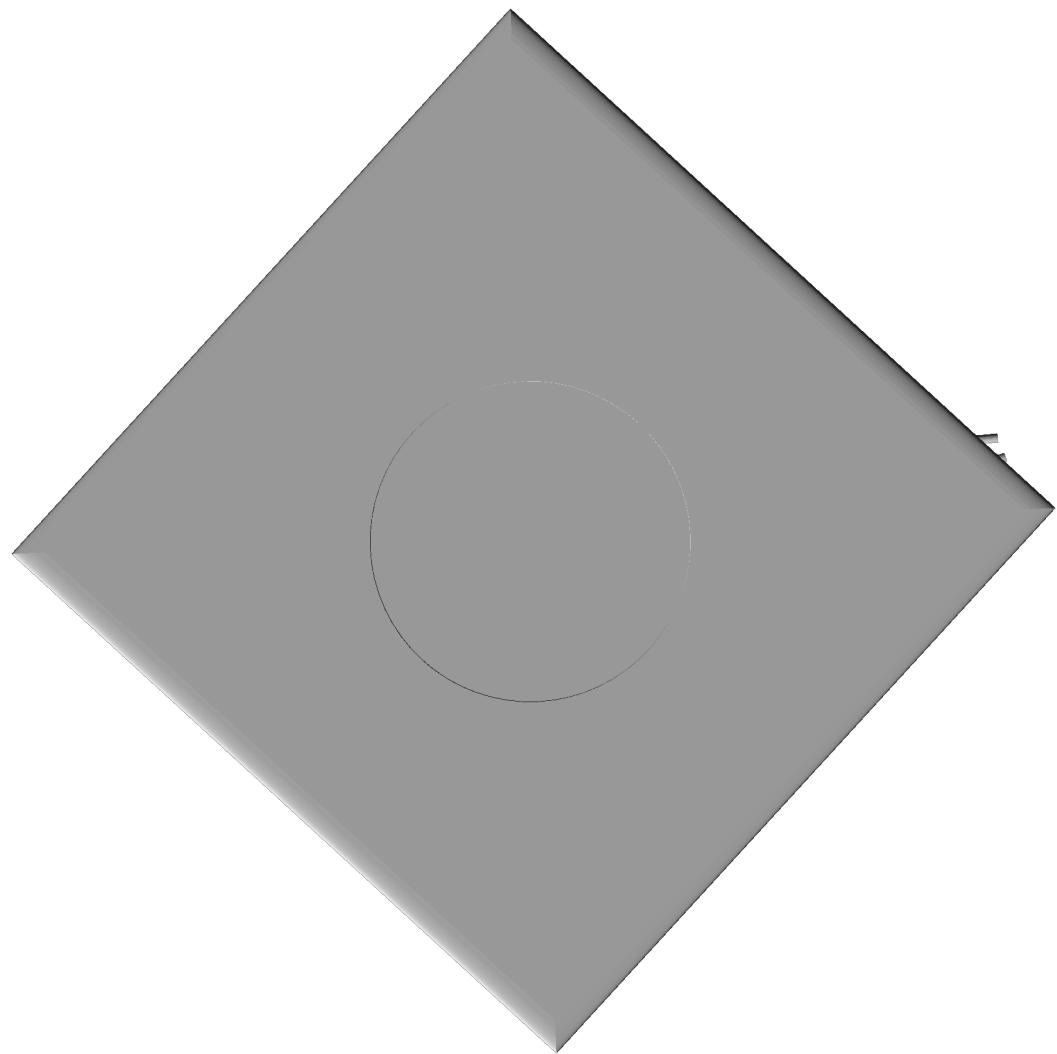
Truncation 1 of 20



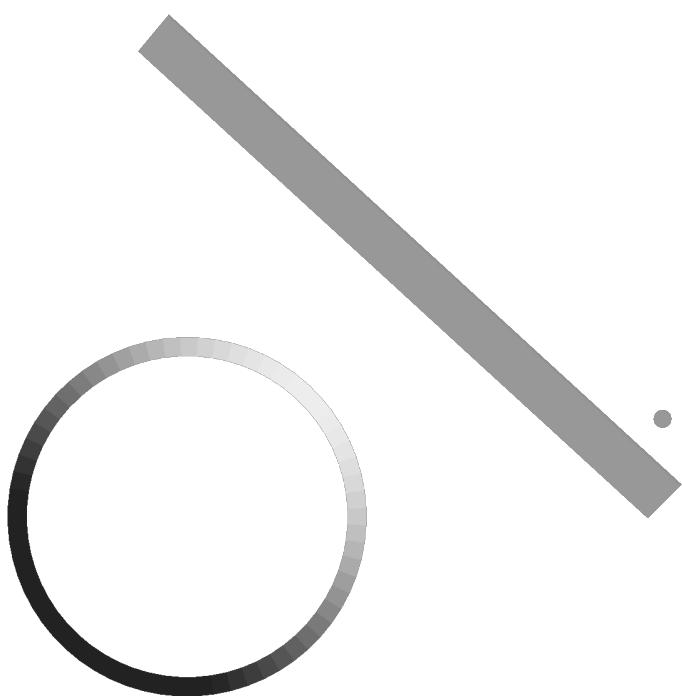
Slice 25 of 25



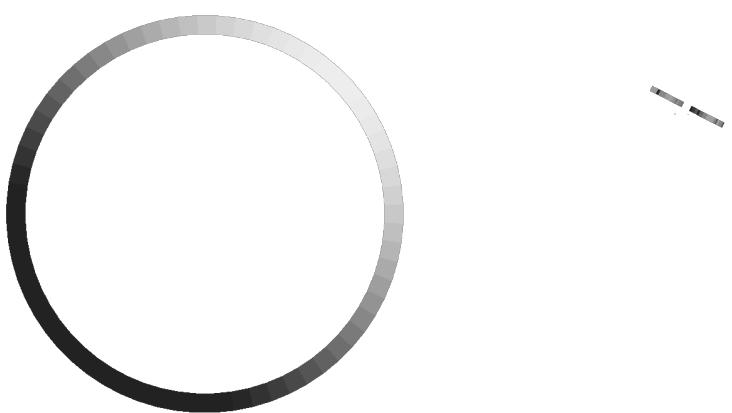
Slice 24 of 25



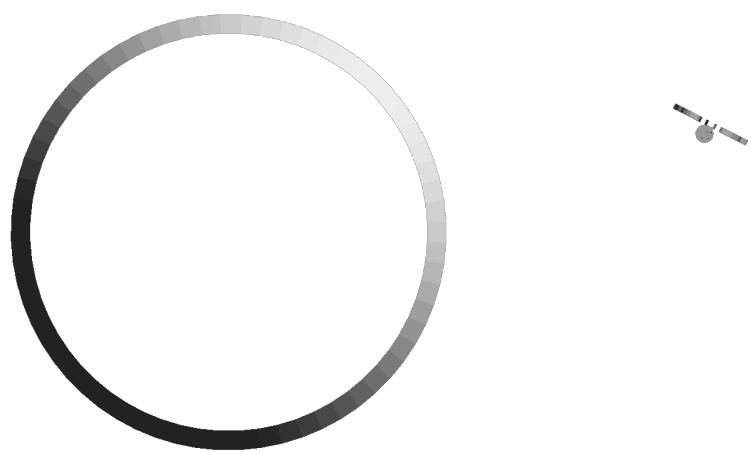
Slice 23 of 25



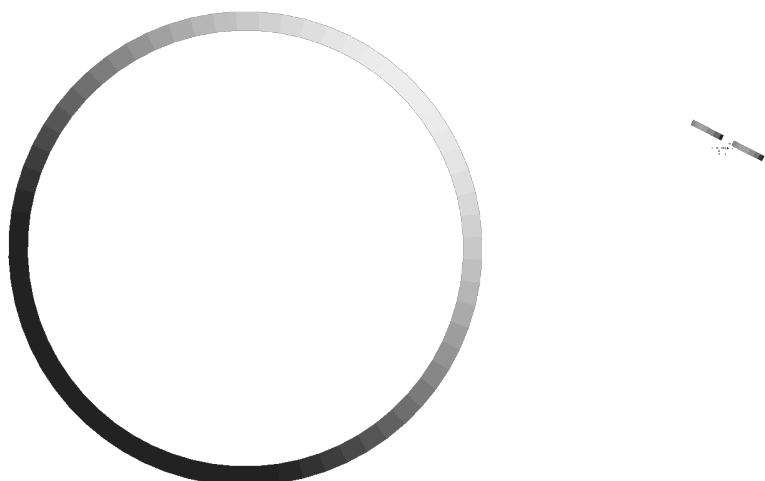
Slice 22 of 25



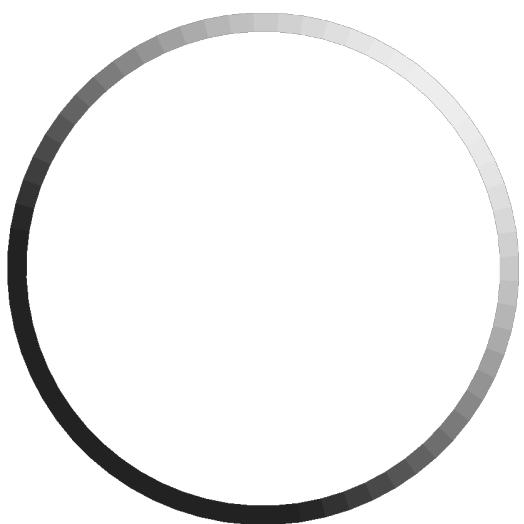
Slice 21 of 25



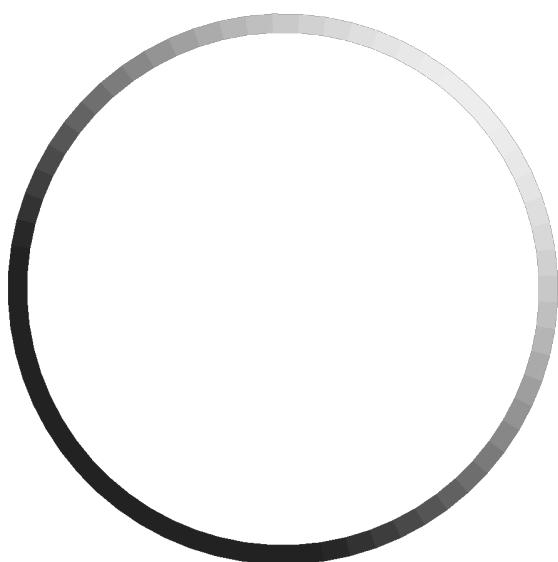
Slice 20 of 25



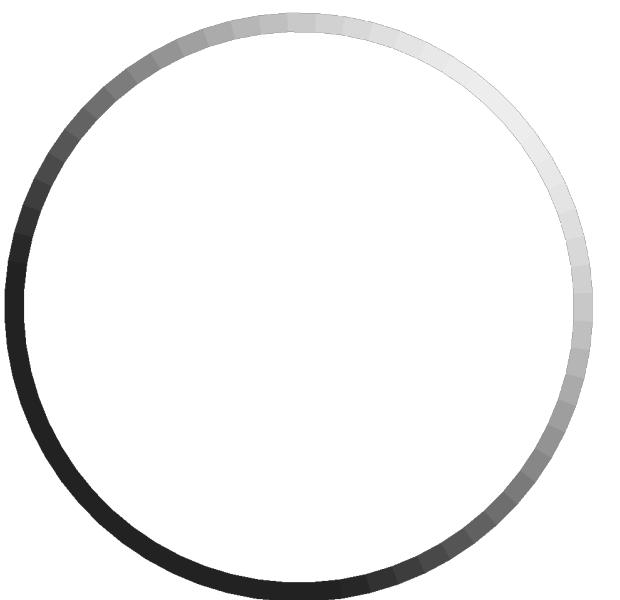
Slice 19 of 25



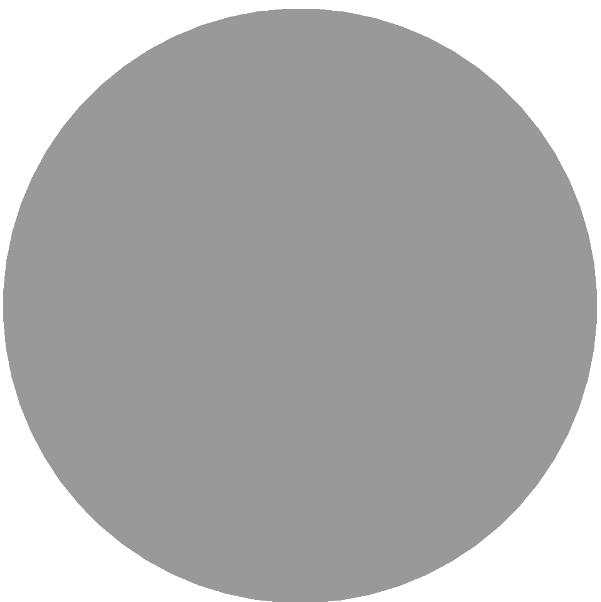
Slice 18 of 25



Slice 17 of 25



Slice 16 of 25



Slice 15 of 25

Slice 14 of 25

Slice 13 of 25

Slice 12 of 25

Slice 11 of 25

Slice 10 of 25

Slice 9 of 25

Slice 8 of 25

1

Slice 7 of 25

1

Slice 6 of 25

mm<sup>-1</sup>

Slice 5 of 25

Slice 4 of 25

Slice 3 of 25

Slice 2 of 25

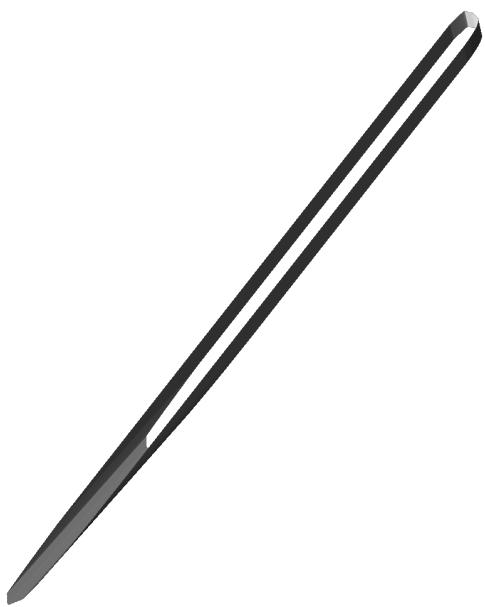
2018

Slice 1 of 25

Rotation 1, Slice 25 of 25



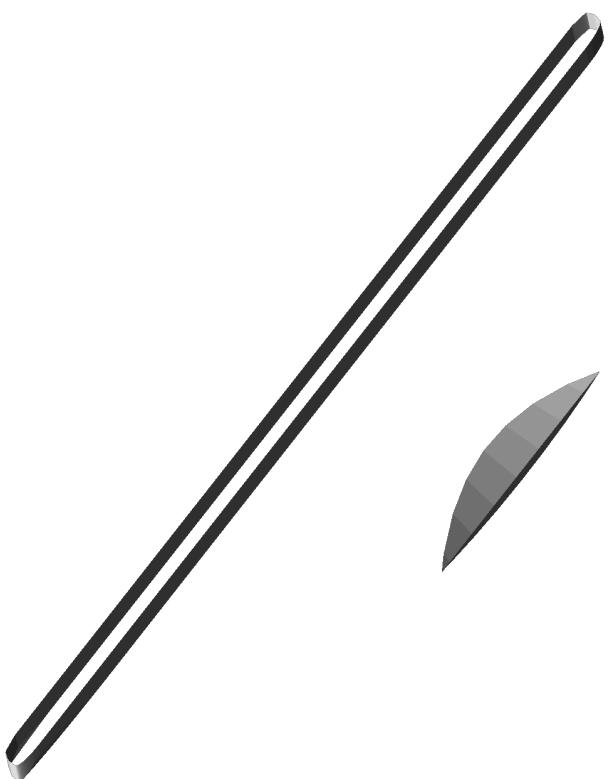
Rotation 1, Slice 24 of 25



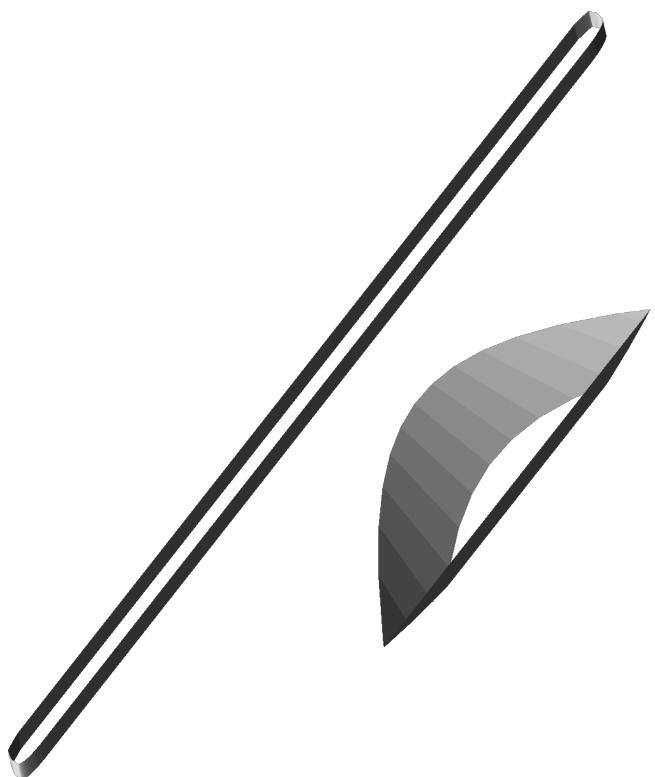
Rotation 1, Slice 23 of 25



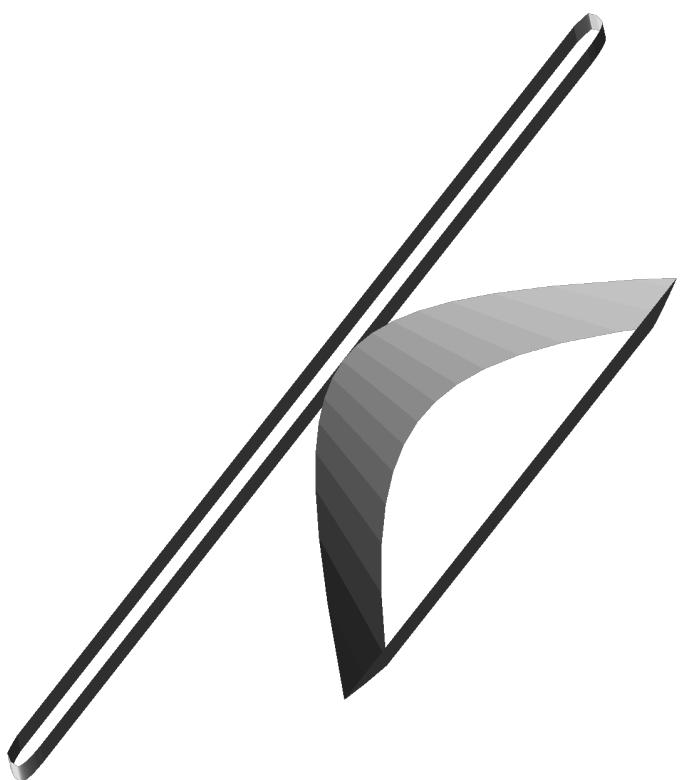
Rotation 1, Slice 22 of 25



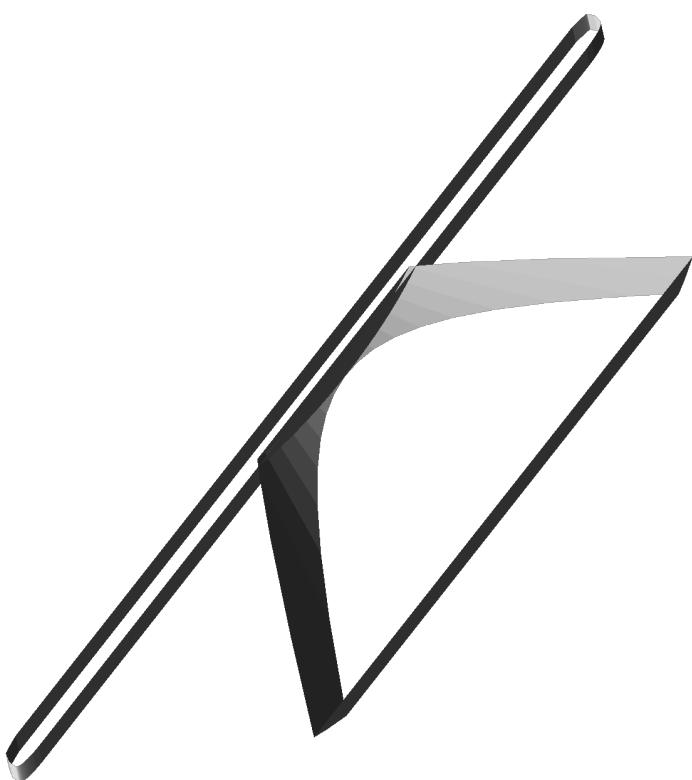
Rotation 1, Slice 21 of 25



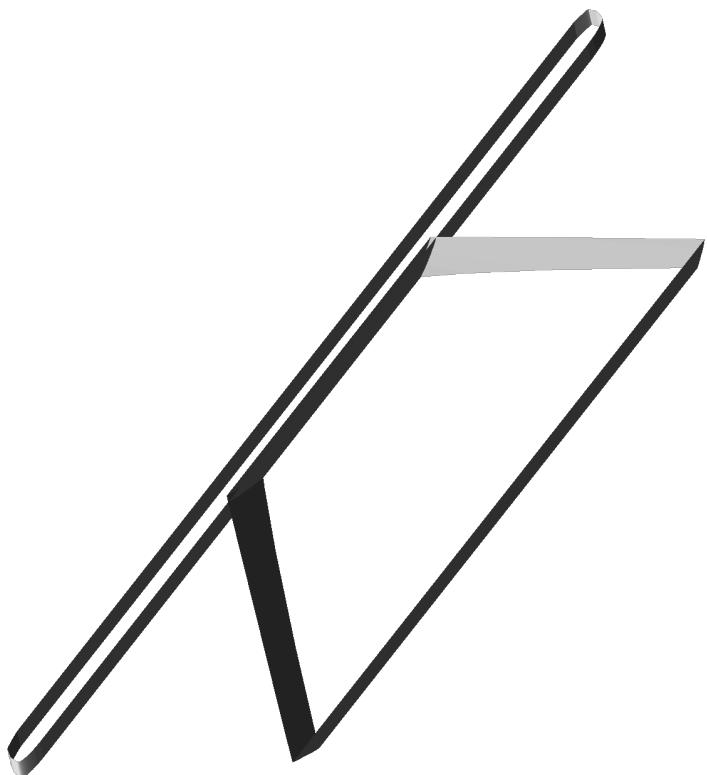
Rotation 1, Slice 20 of 25



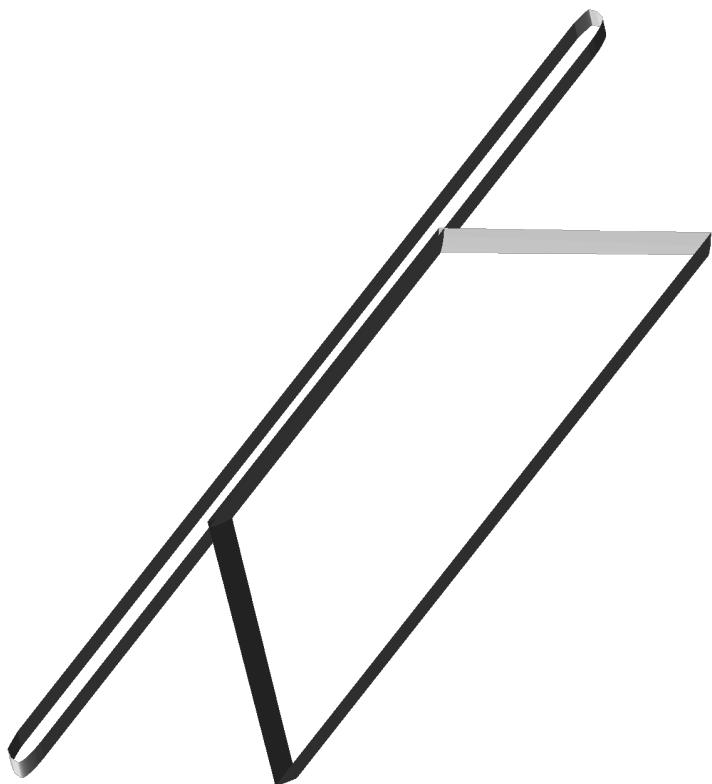
Rotation 1, Slice 19 of 25



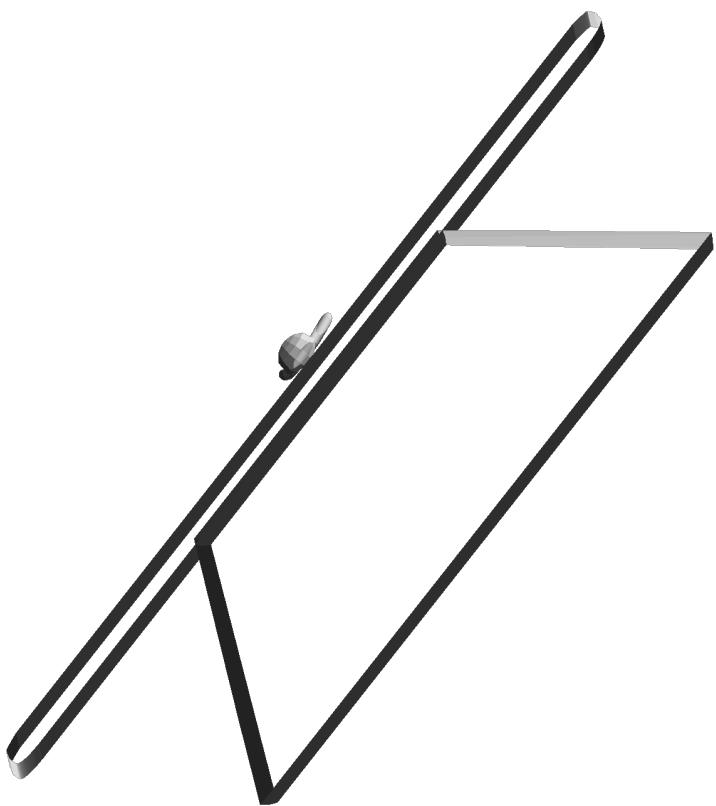
Rotation 1, Slice 18 of 25



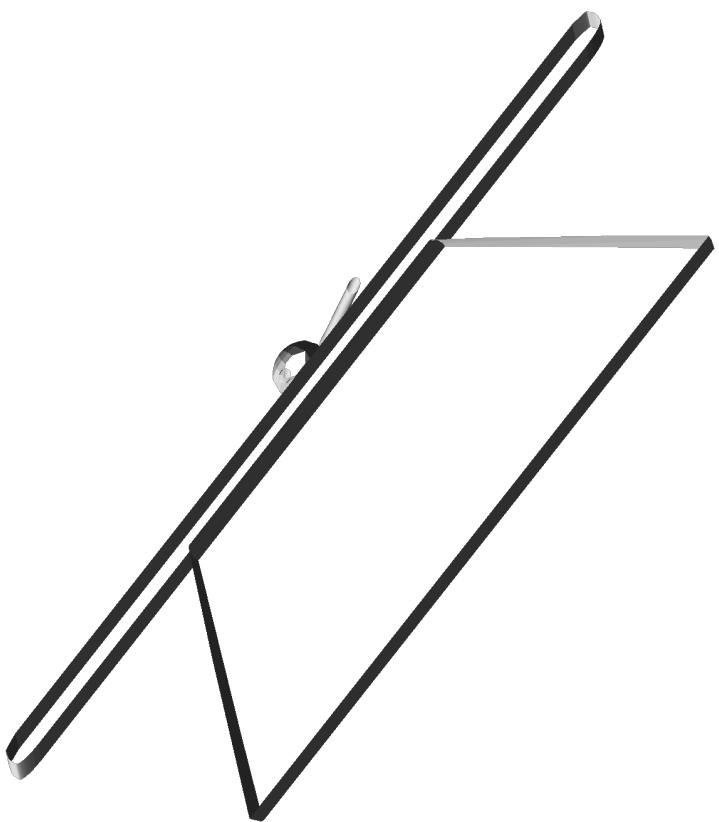
Rotation 1, Slice 17 of 25



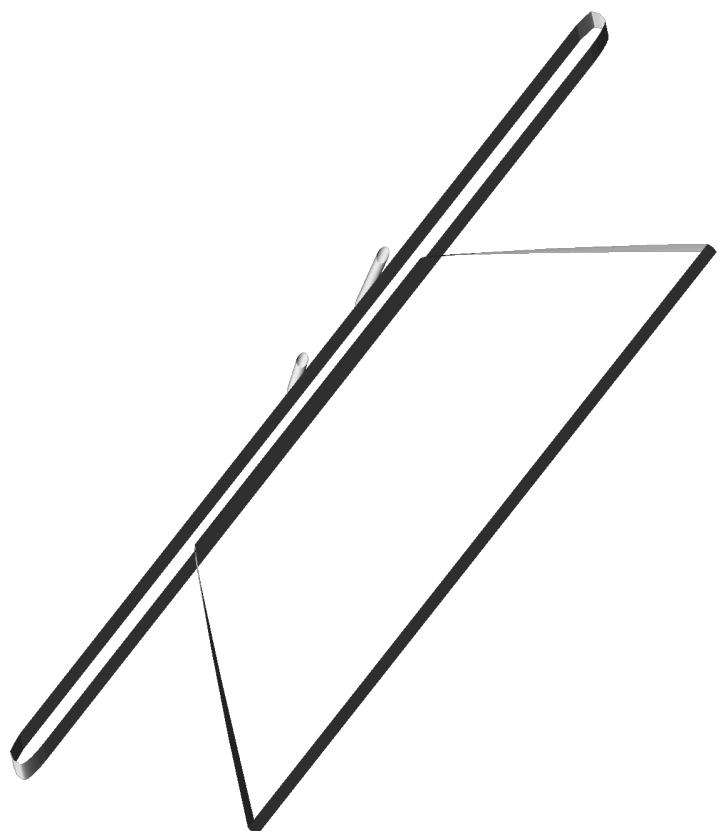
Rotation 1, Slice 16 of 25



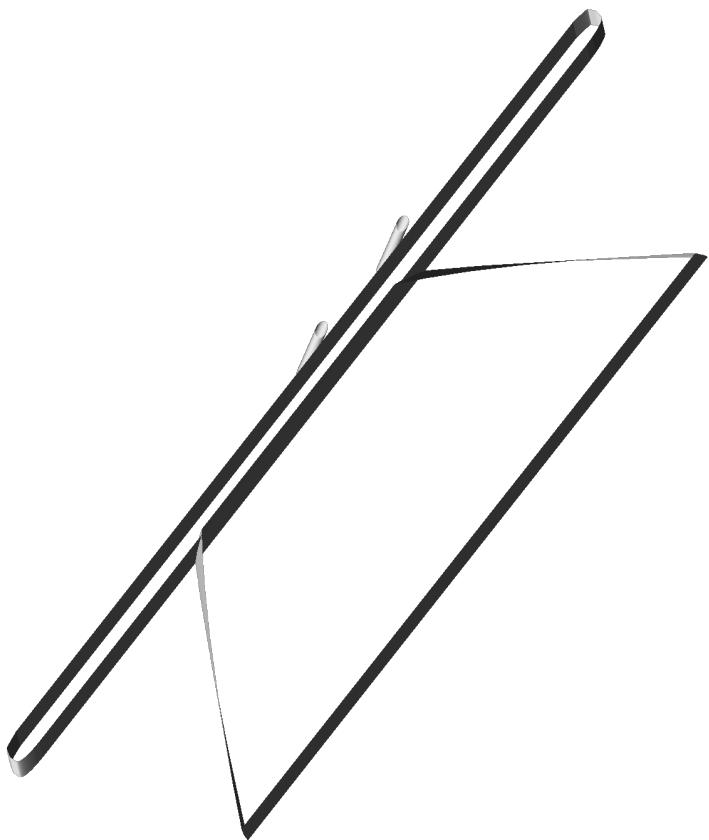
Rotation 1, Slice 15 of 25



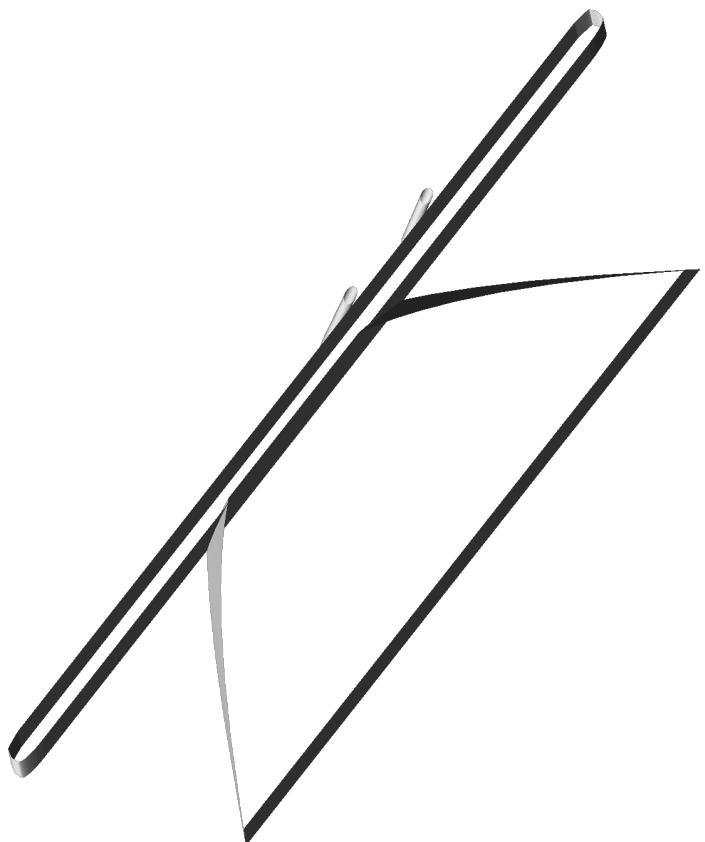
Rotation 1, Slice 14 of 25



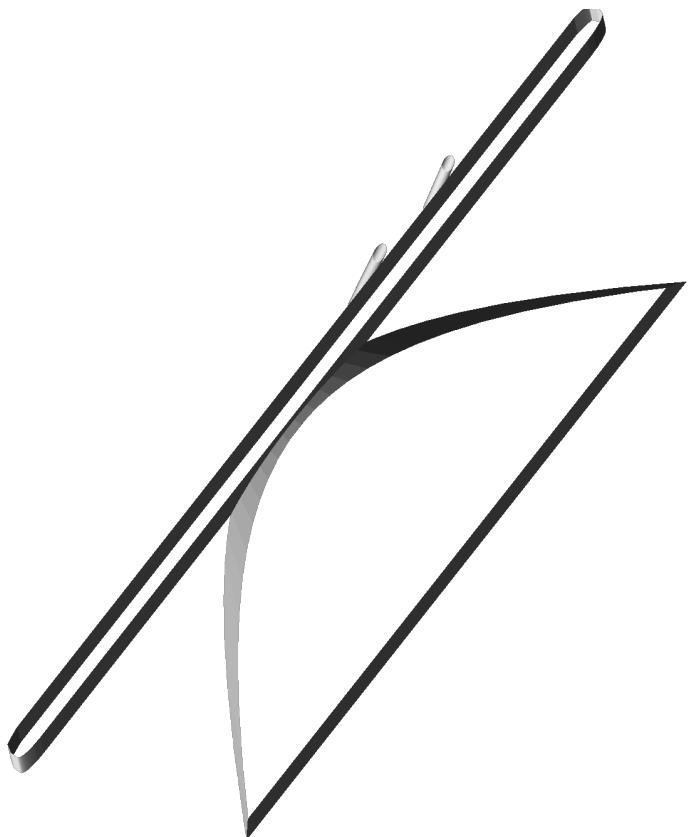
Rotation 1, Slice 13 of 25



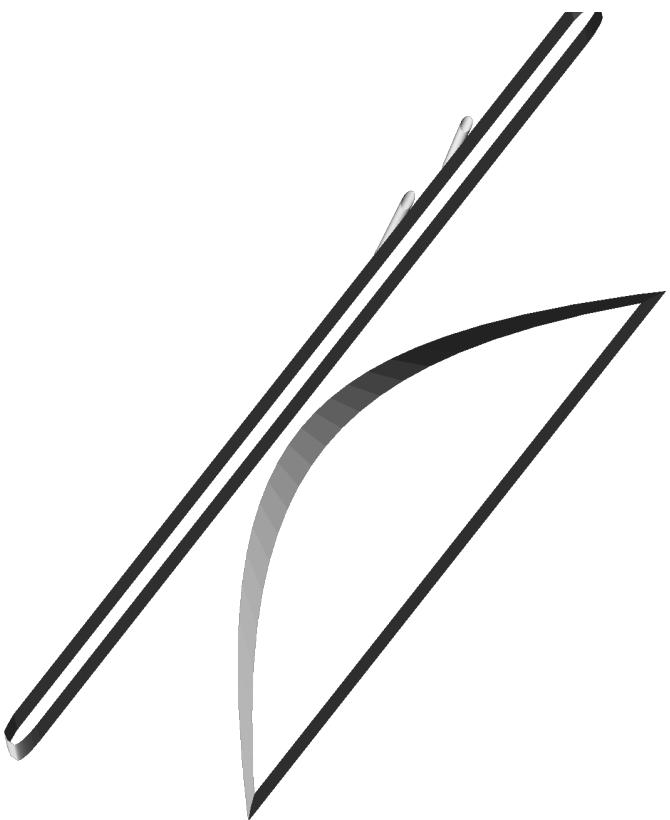
Rotation 1, Slice 12 of 25



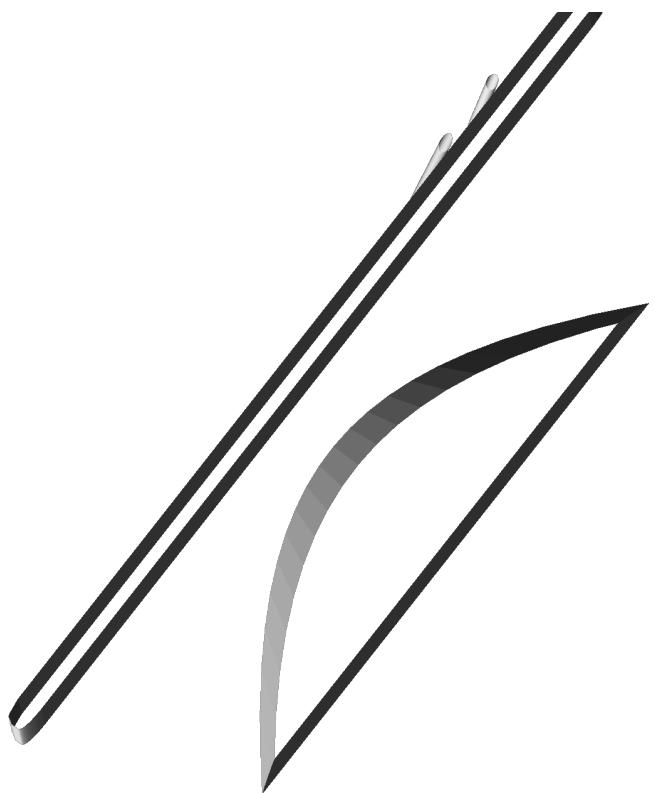
Rotation 1, Slice 11 of 25



Rotation 1, Slice 10 of 25



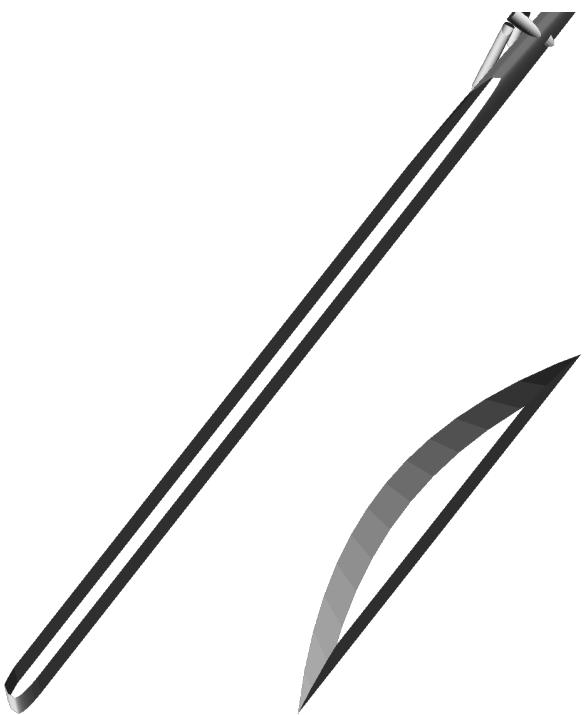
Rotation 1, Slice 9 of 25



Rotation 1, Slice 8 of 25



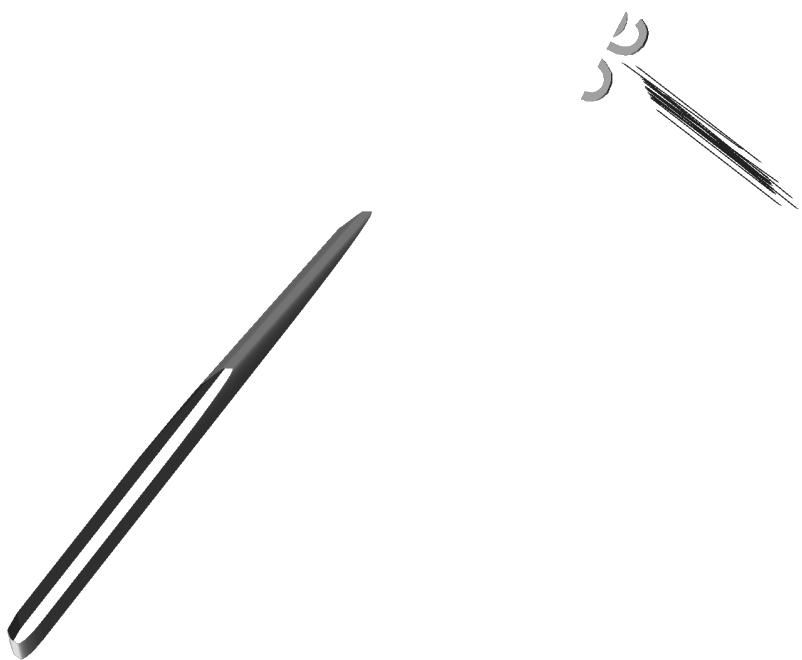
Rotation 1, Slice 7 of 25



Rotation 1, Slice 6 of 25



Rotation 1, Slice 5 of 25



Rotation 1, Slice 4 of 25



Rotation 1, Slice 3 of 25



Rotation 1, Slice 2 of 25



Rotation 1, Slice 1 of 25

Rotation 2, Slice 25 of 25

Rotation 2, Slice 24 of 25

Rotation 2, Slice 23 of 25

Rotation 2, Slice 22 of 25

4

Rotation 2, Slice 21 of 25



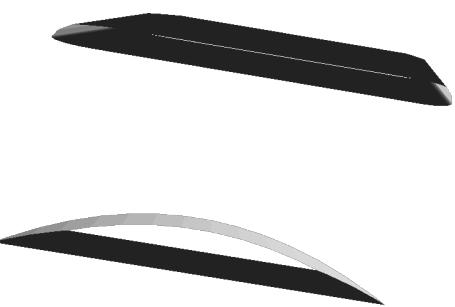
Rotation 2, Slice 20 of 25



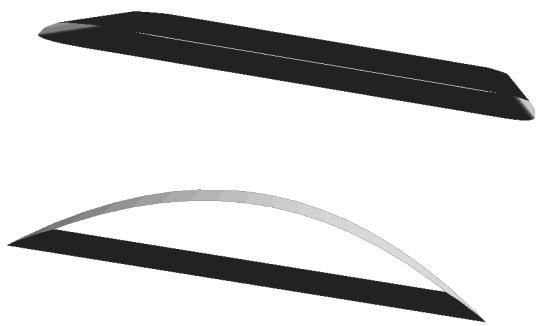
Rotation 2, Slice 19 of 25



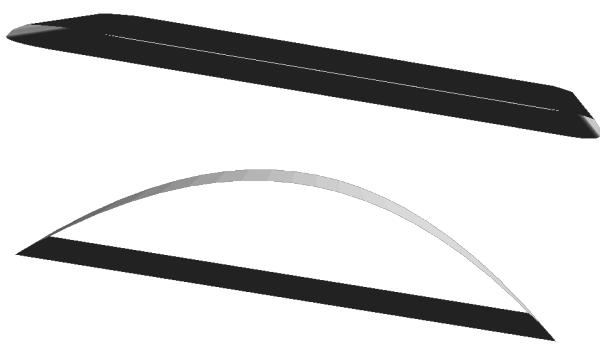
Rotation 2, Slice 18 of 25



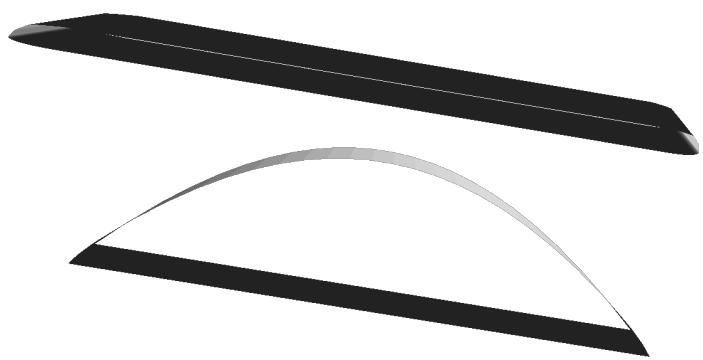
Rotation 2, Slice 17 of 25



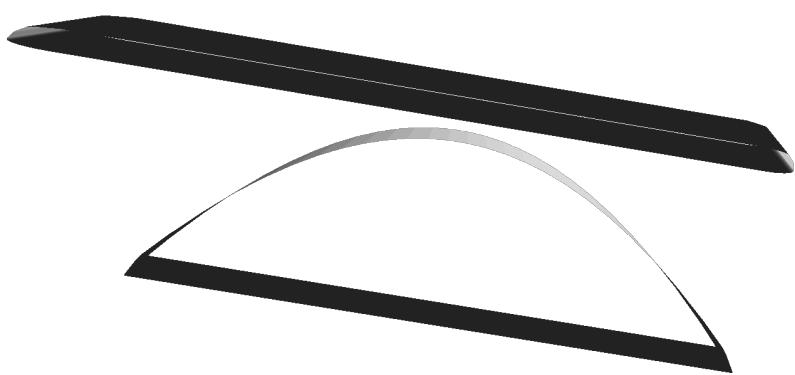
Rotation 2, Slice 16 of 25



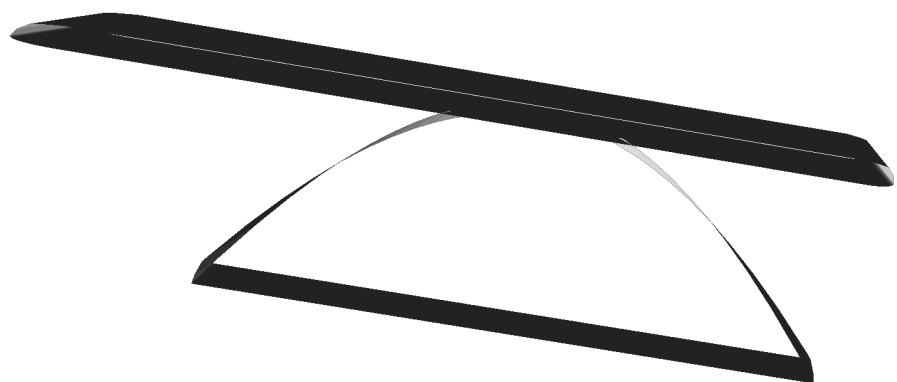
Rotation 2, Slice 15 of 25



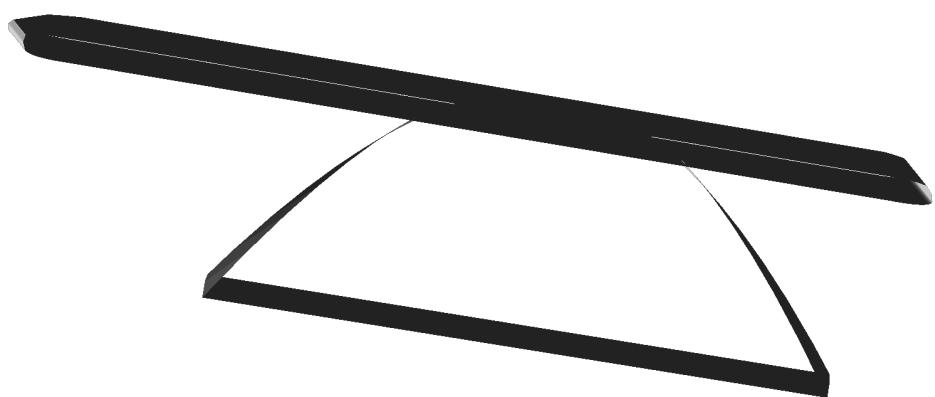
Rotation 2, Slice 14 of 25



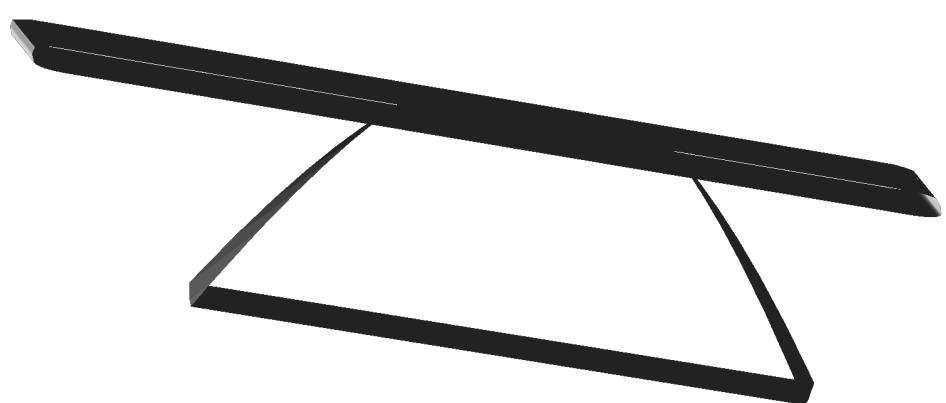
Rotation 2, Slice 13 of 25



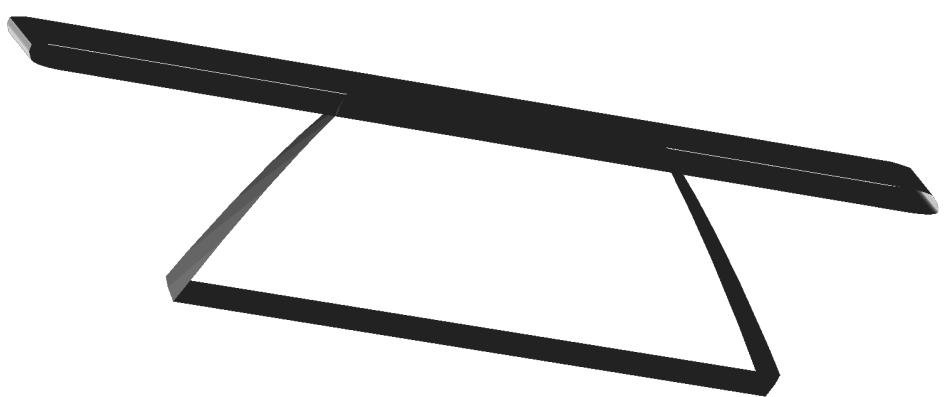
Rotation 2, Slice 12 of 25



Rotation 2, Slice 11 of 25



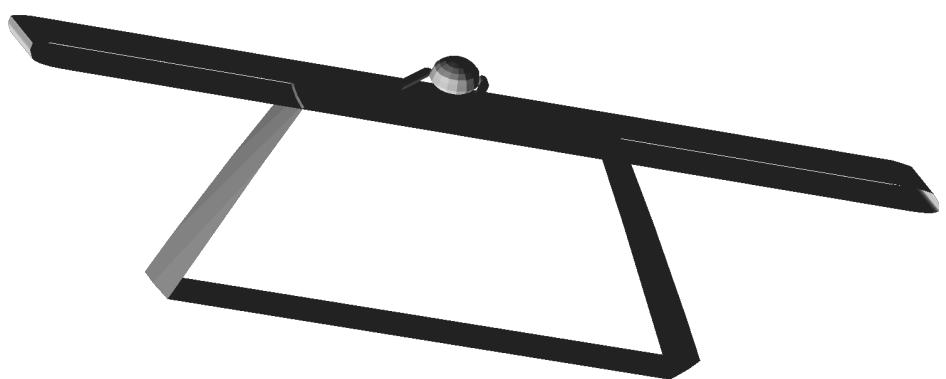
Rotation 2, Slice 10 of 25



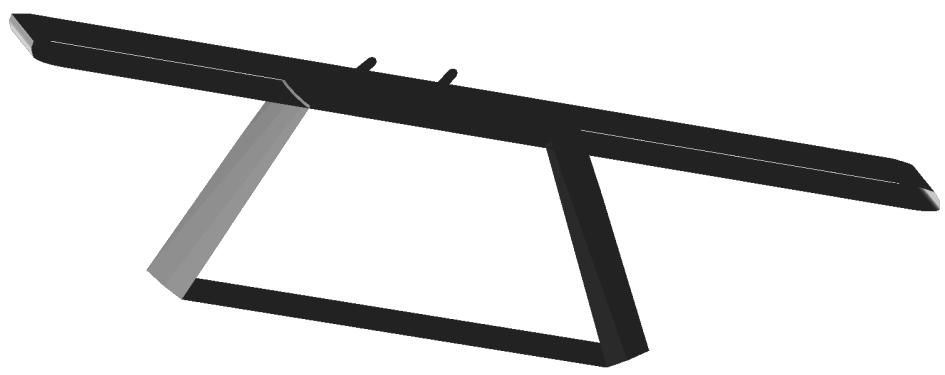
Rotation 2, Slice 9 of 25



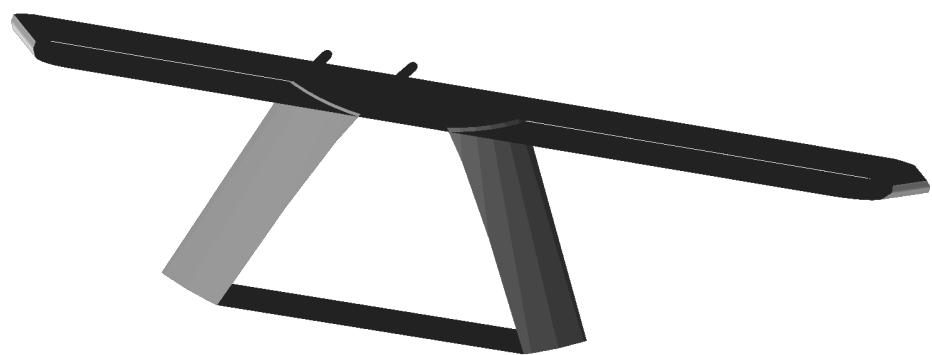
Rotation 2, Slice 8 of 25



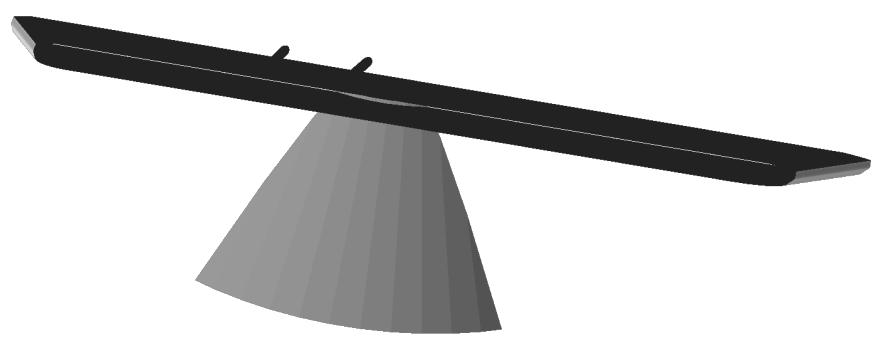
Rotation 2, Slice 7 of 25



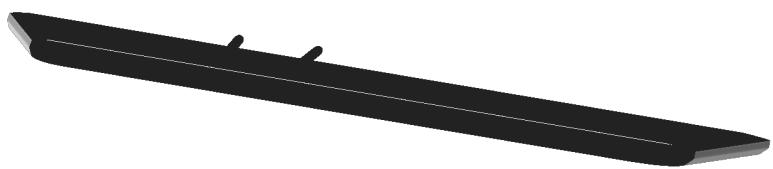
Rotation 2, Slice 6 of 25



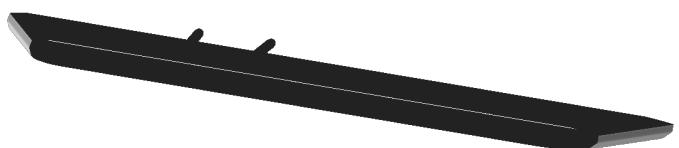
Rotation 2, Slice 5 of 25



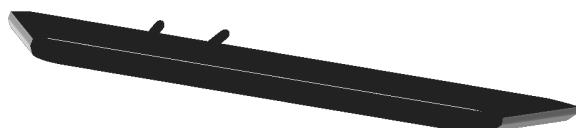
Rotation 2, Slice 4 of 25



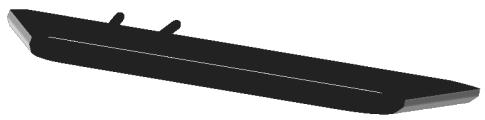
Rotation 2, Slice 3 of 25



Rotation 2, Slice 2 of 25



Rotation 2, Slice 1 of 25



Rotation 3, Slice 25 of 25

Rotation 3, Slice 24 of 25

Rotation 3, Slice 23 of 25

Rotation 3, Slice 22 of 25

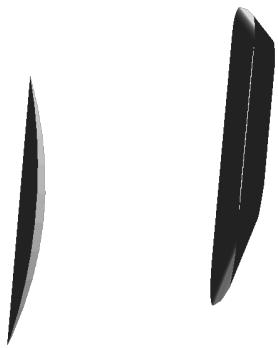
Rotation 3, Slice 21 of 25



Rotation 3, Slice 20 of 25



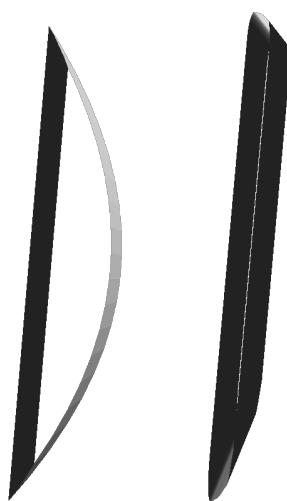
Rotation 3, Slice 19 of 25



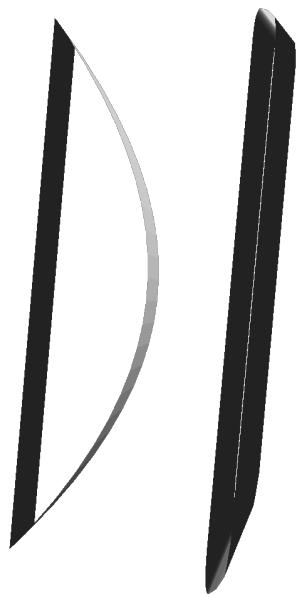
Rotation 3, Slice 18 of 25



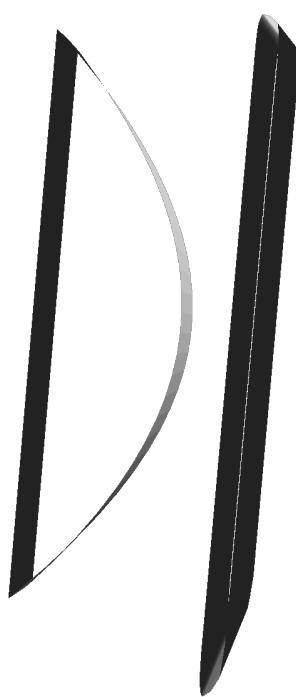
Rotation 3, Slice 17 of 25



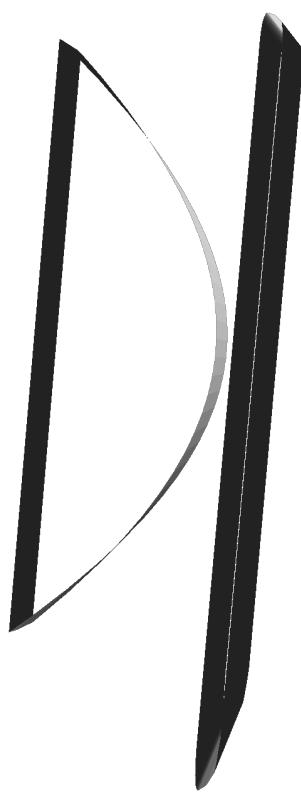
Rotation 3, Slice 16 of 25



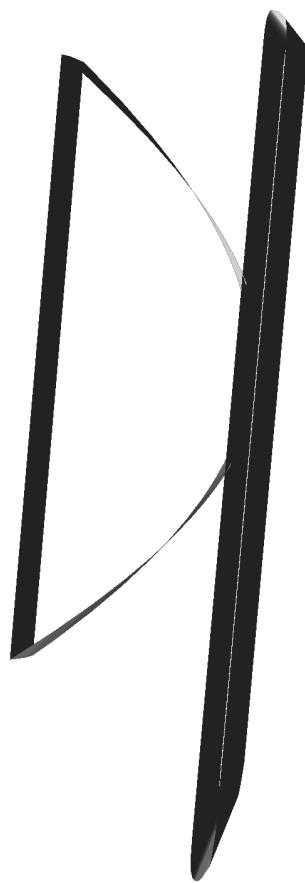
Rotation 3, Slice 15 of 25



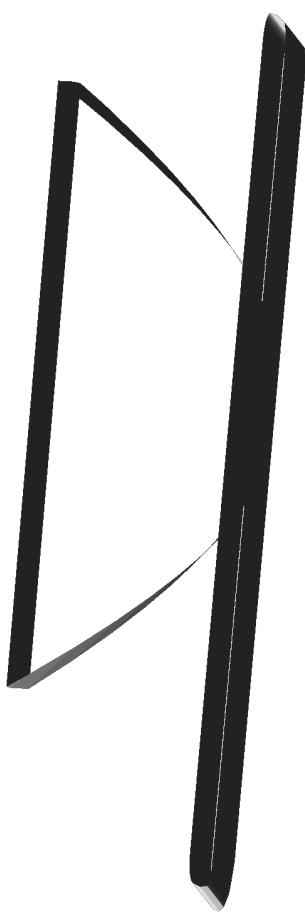
Rotation 3, Slice 14 of 25



Rotation 3, Slice 13 of 25



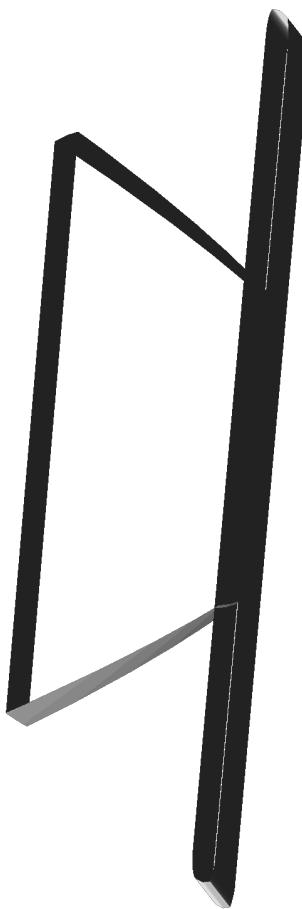
Rotation 3, Slice 12 of 25



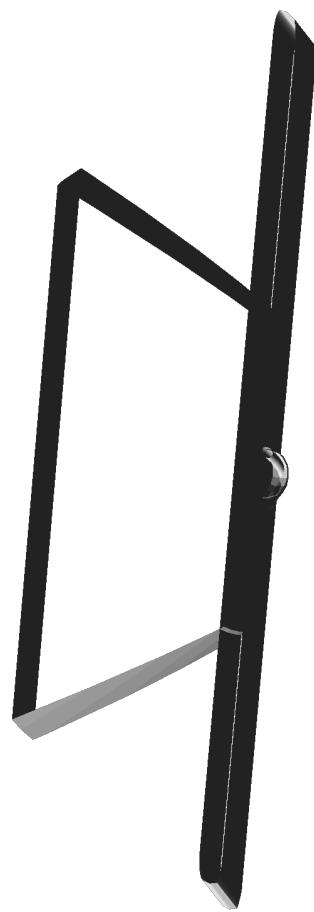
Rotation 3, Slice 11 of 25



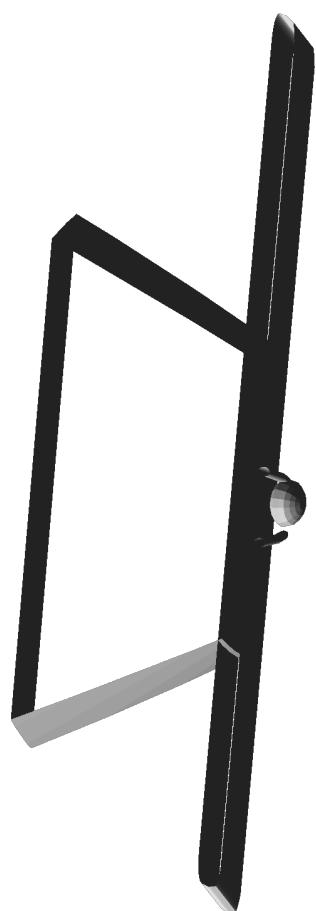
Rotation 3, Slice 10 of 25



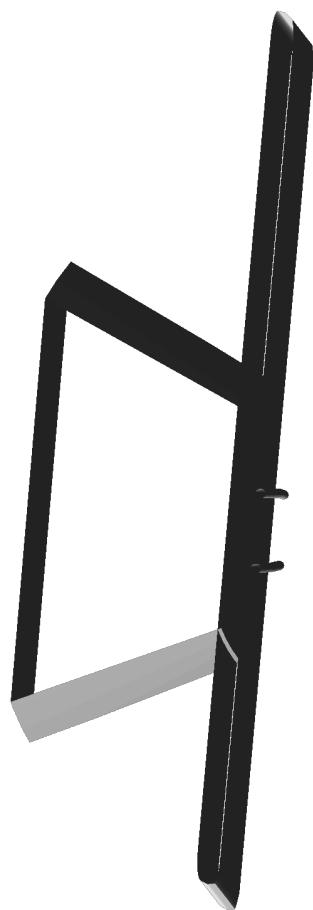
Rotation 3, Slice 9 of 25



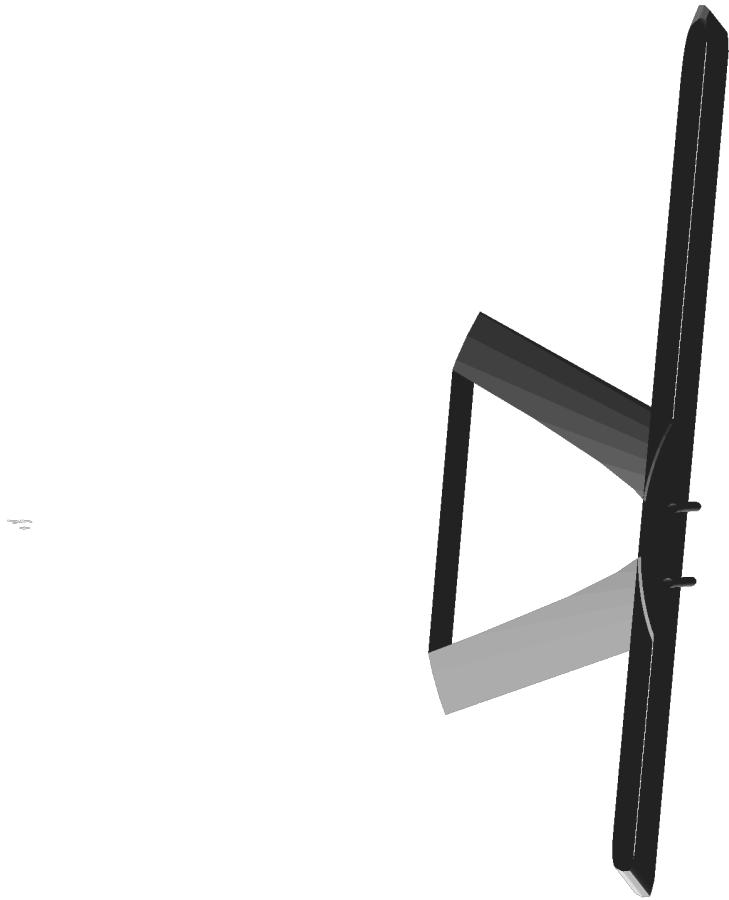
Rotation 3, Slice 8 of 25



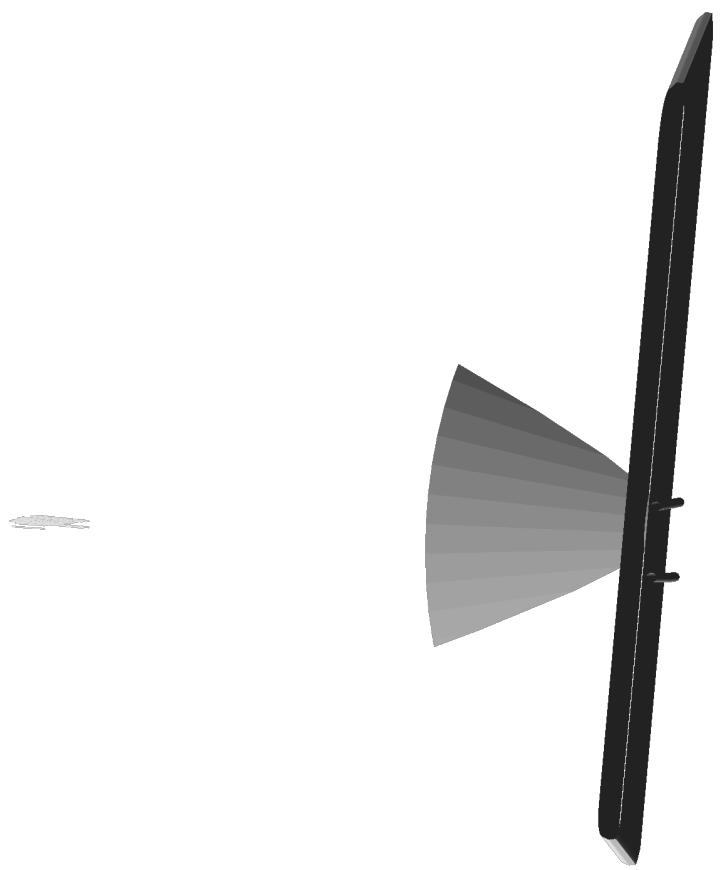
Rotation 3, Slice 7 of 25



Rotation 3, Slice 6 of 25



Rotation 3, Slice 5 of 25



Rotation 3, Slice 4 of 25



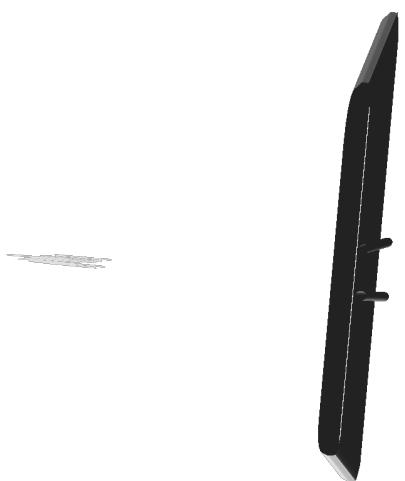
Rotation 3, Slice 3 of 25



Rotation 3, Slice 2 of 25



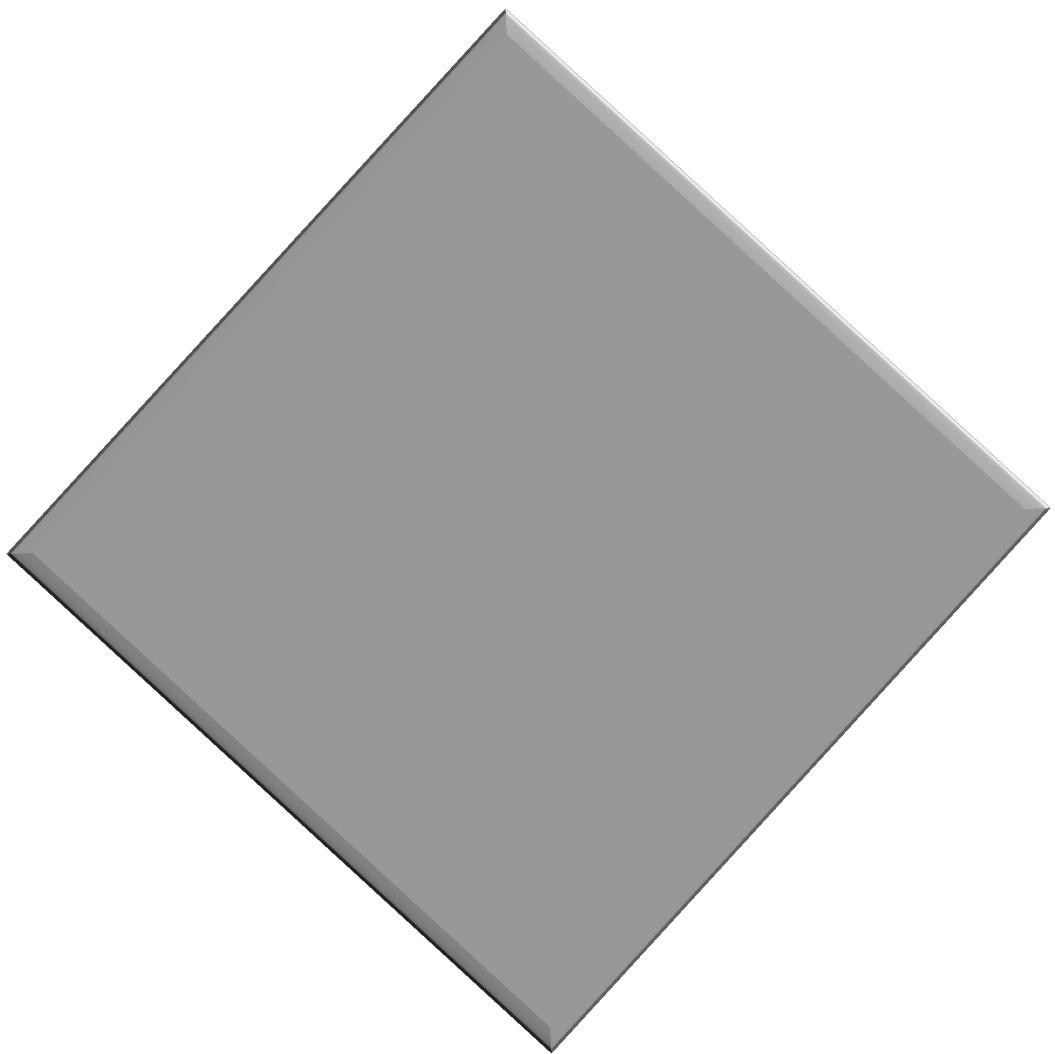
Rotation 3, Slice 1 of 25



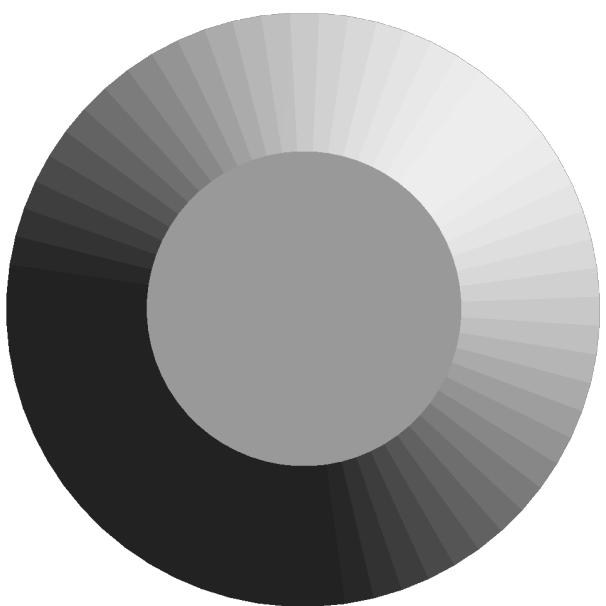
Group (Sphere01)



Group (Cap\_Top)



Group (Cap\_Bottom)



Group (Gold\_press)



Group (Loft36)

Group (Loft62)

Group (Loft61)

Group (Loft60)

Group (Loft59)

Group (Loft58)

Group (Loft57)

Group (Loft56)

Group (Loft55)

Group (Loft54)

Group (Loft53)

Group (Loft52)

Group (Loft51)

Group (Loft50)

—

Group (Loft49)

Group (Loft48)

Group (Loft47)

Group (Loft46)

-

Group (Loft45)

-

Group (Loft44)

Group (Loft43)

Group (Loft42)

Group (Loft41)

Group (Loft40)

-

Group (Loft39)

—

Group (Loft05)

—

Group (Loft63)

—

Group (Loft35)

Group (Loft34)

Group (Loft33)

Group (Loft32)

Group (Loft31)

Group (Loft30)

Group (Loft29)

Group (Loft28)

Group (Loft27)

Group (Loft26)

Group (Loft25)

—

Group (Loft24)

—

Group (Loft23)

Group (Loft22)

Group (Loft21)

Group (Loft20)

-

Group (Loft19)

-

Group (Loft18)

Group (Loft17)

Group (Loft16)

Group (Loft15)

Group (Loft14)

-

Group (Loft04)

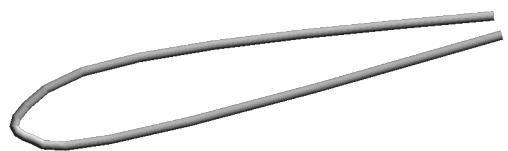
—

Group (Loft03)

Group (Loft37)

—

Group (String\_To0)



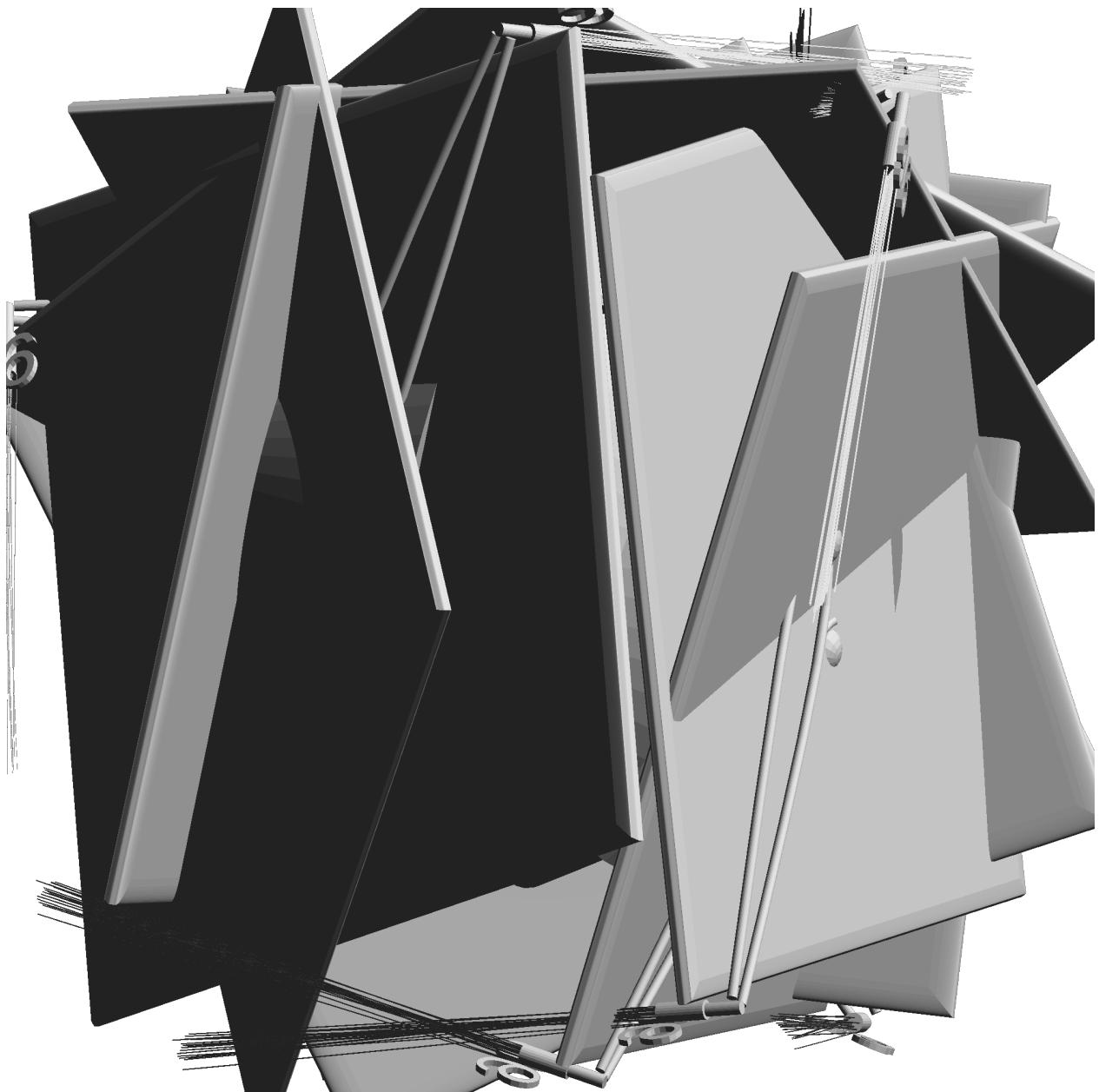
Group (Cylinder02)



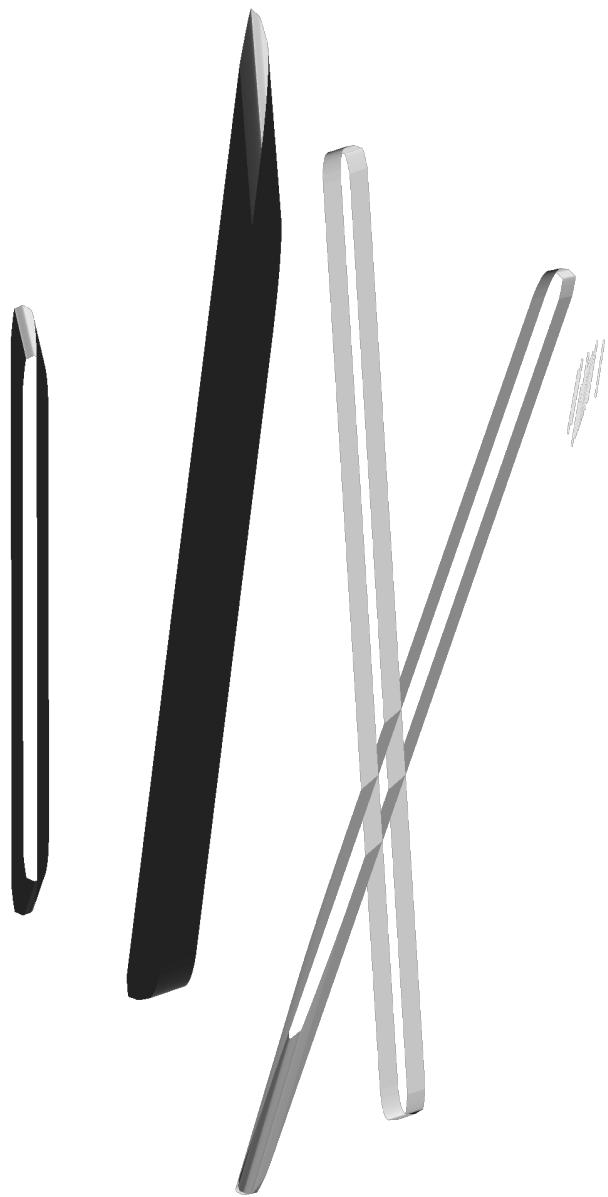
Group (Text\_96)



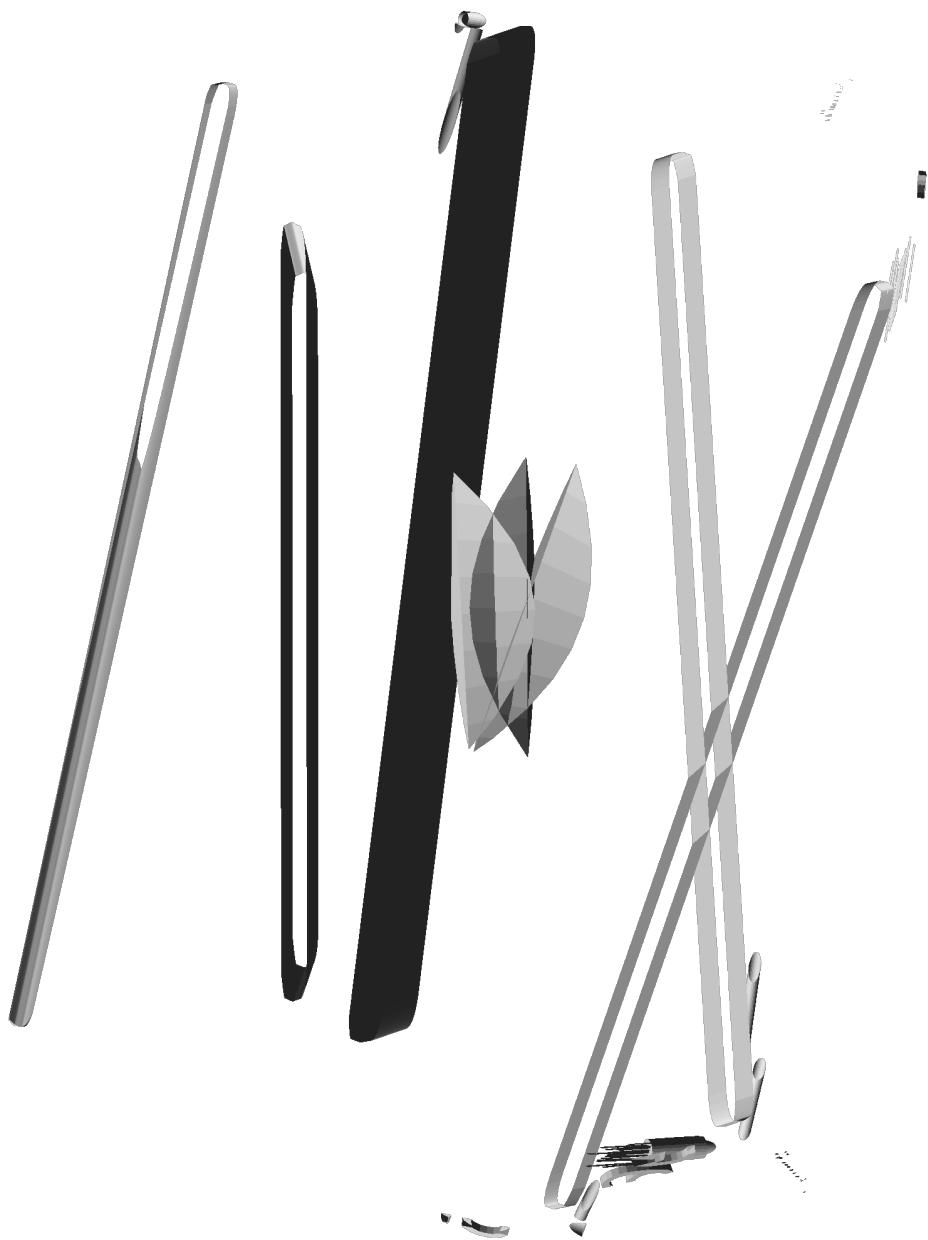
10 instances



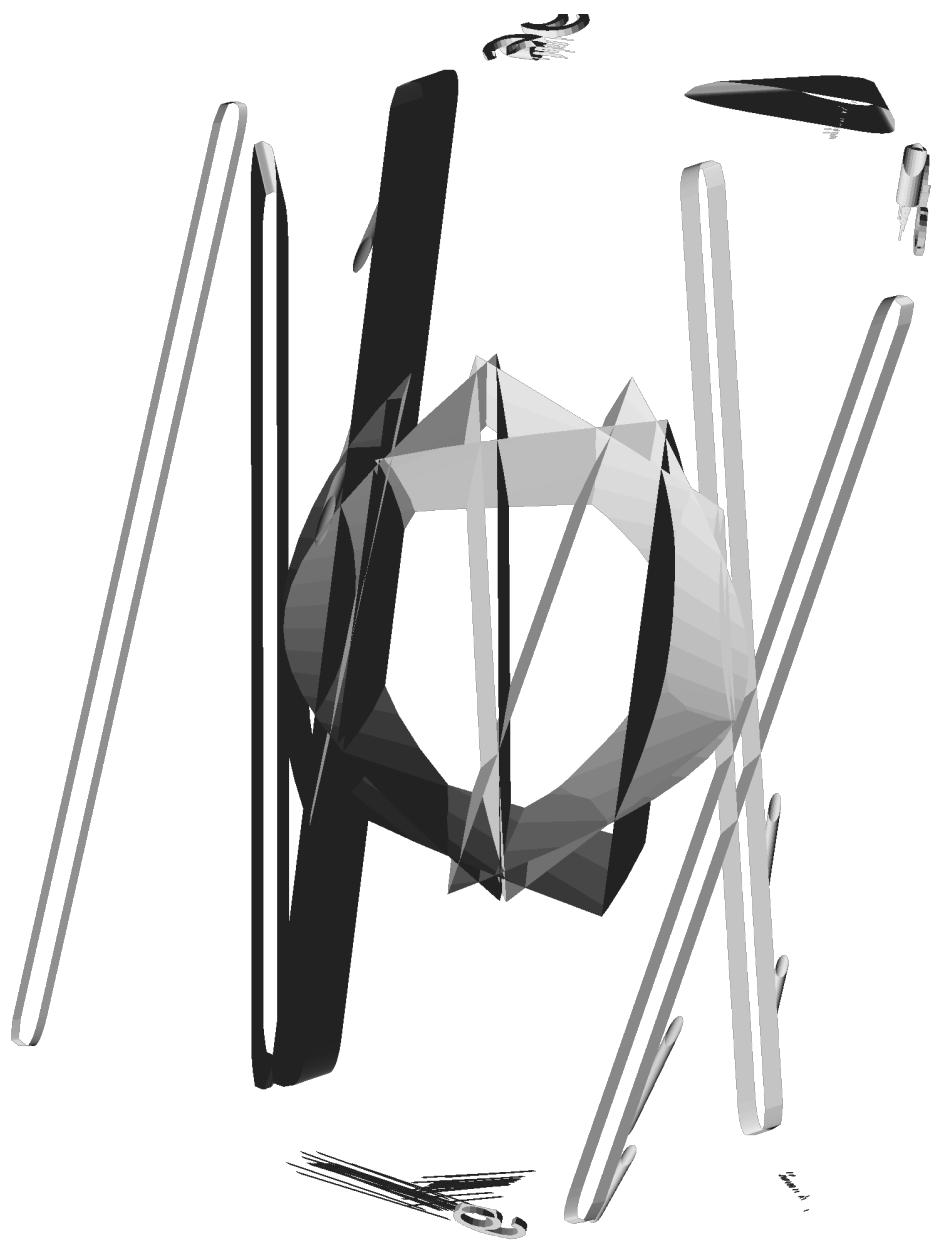
10 instances, Slice 25 of 25



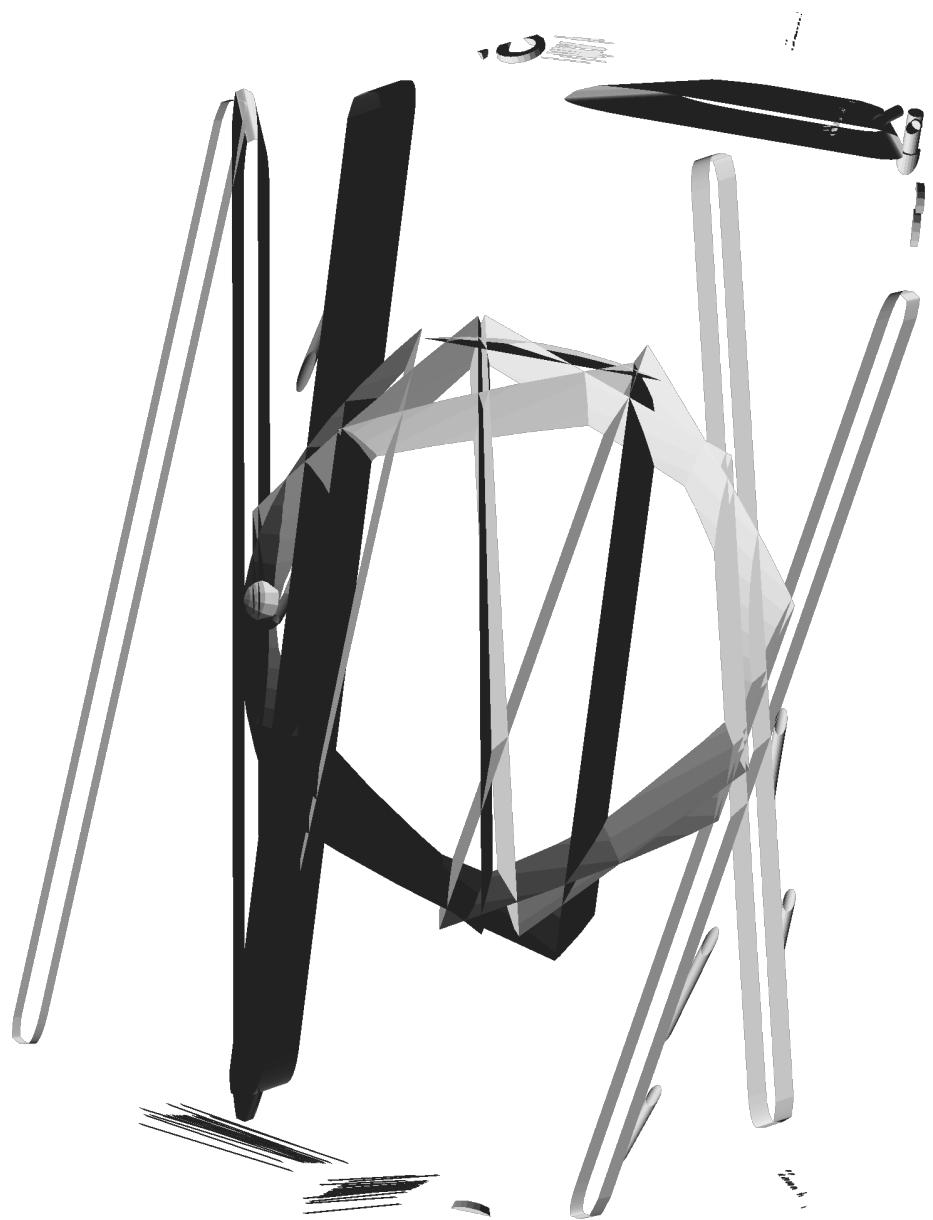
10 instances, Slice 23 of 25



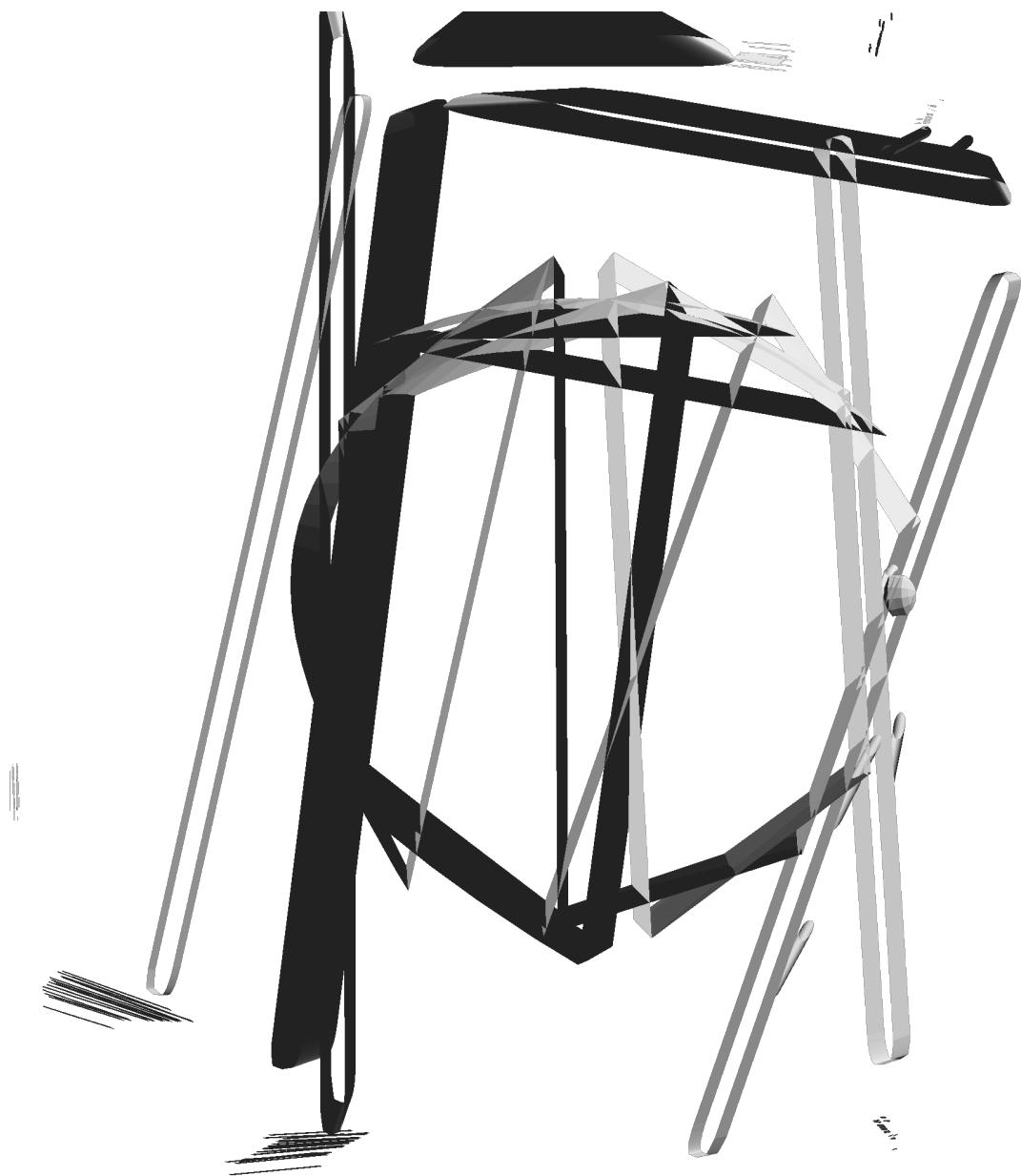
10 instances, Slice 21 of 25



10 instances, Slice 20 of 25



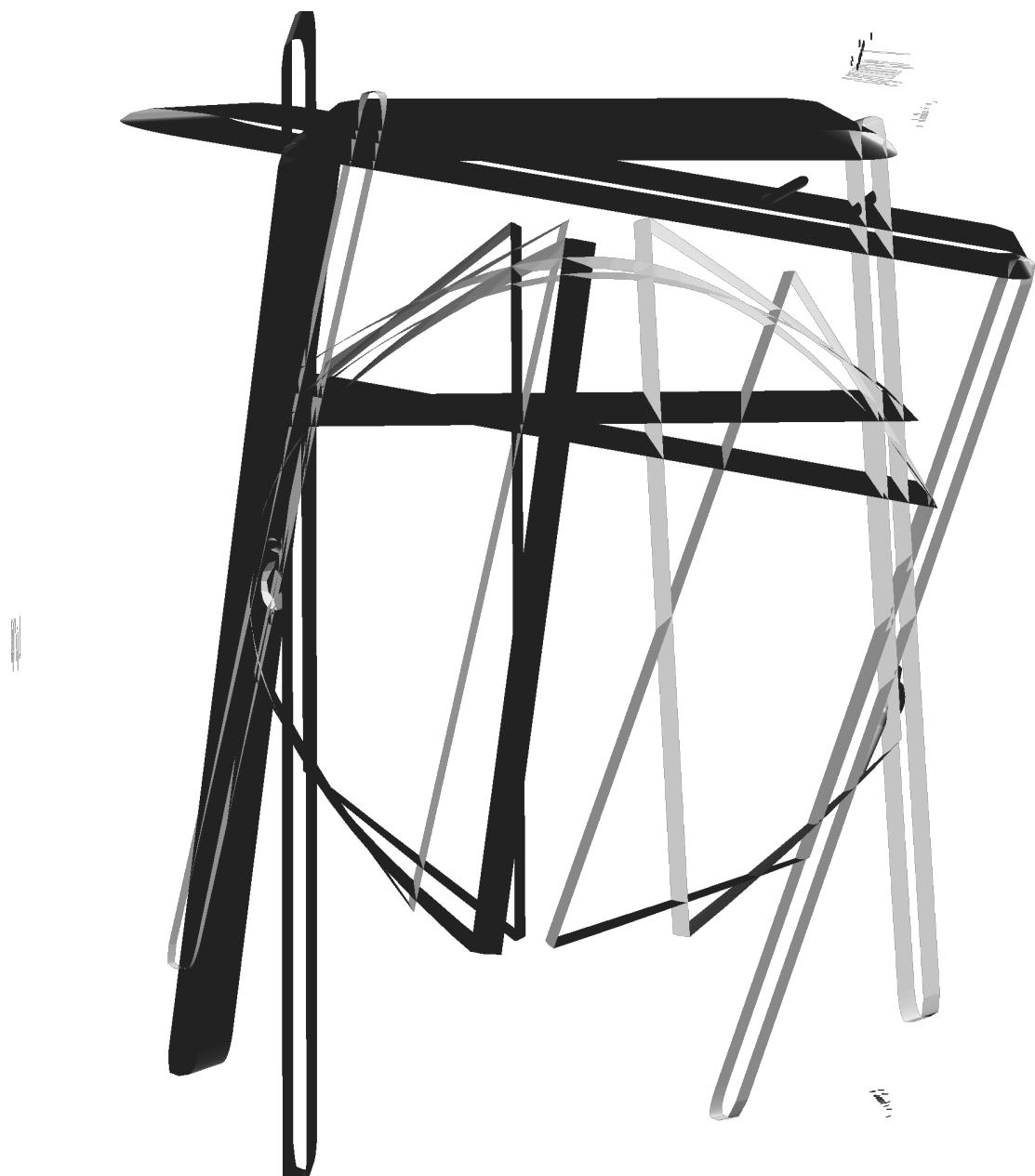
10 instances, Slice 18 of 25



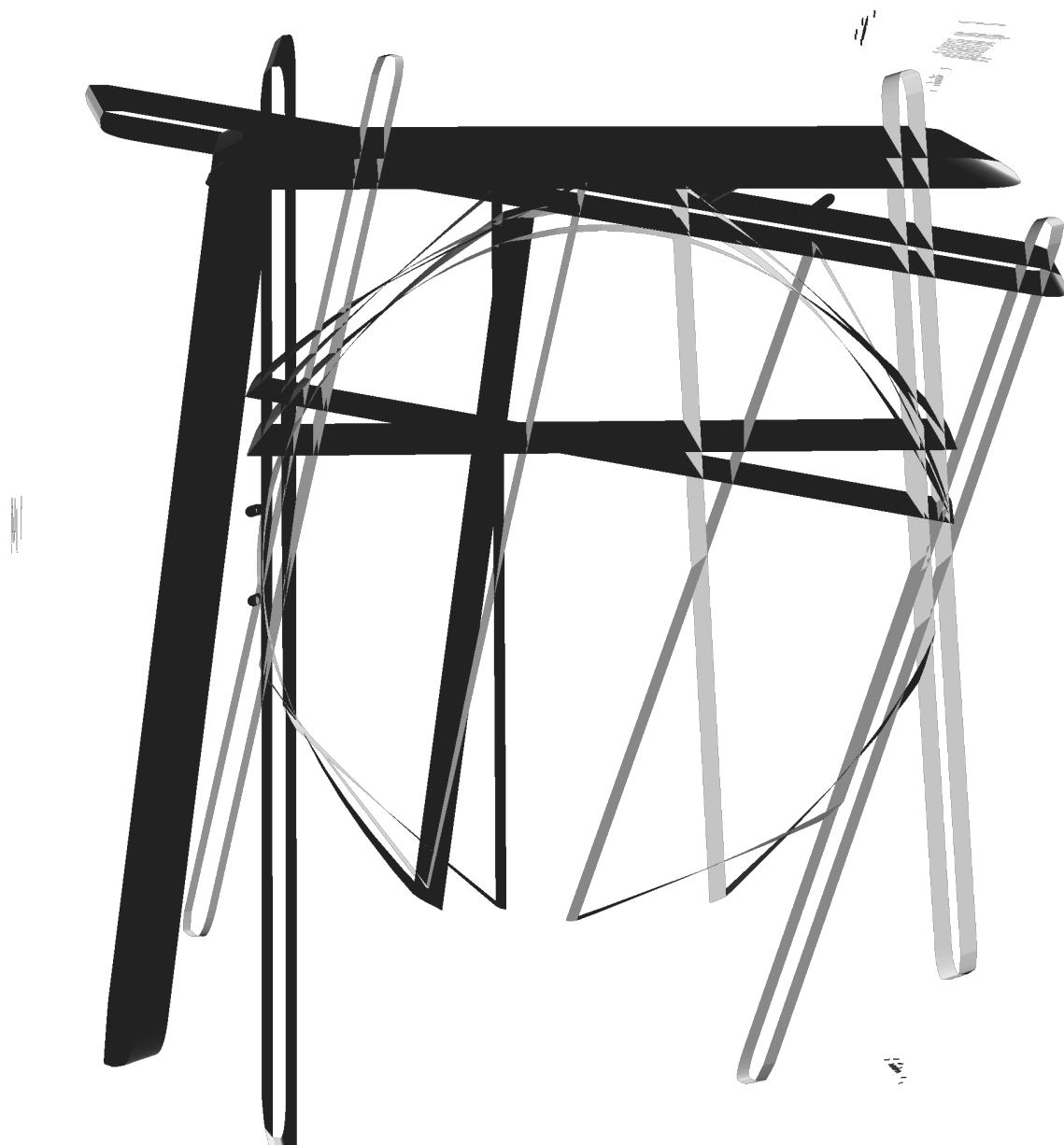
10 instances, Slice 16 of 25



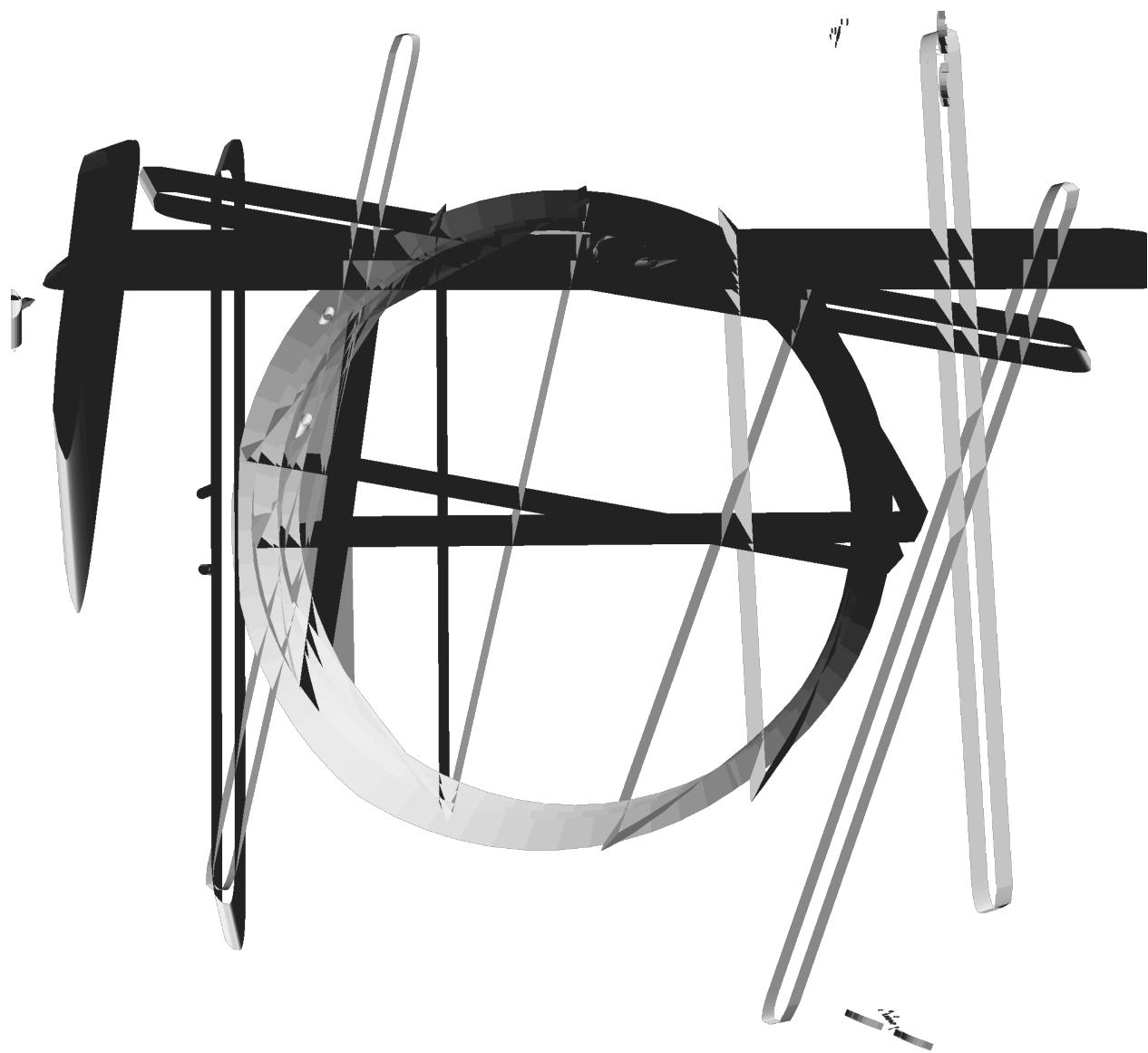
10 instances, Slice 15 of 25



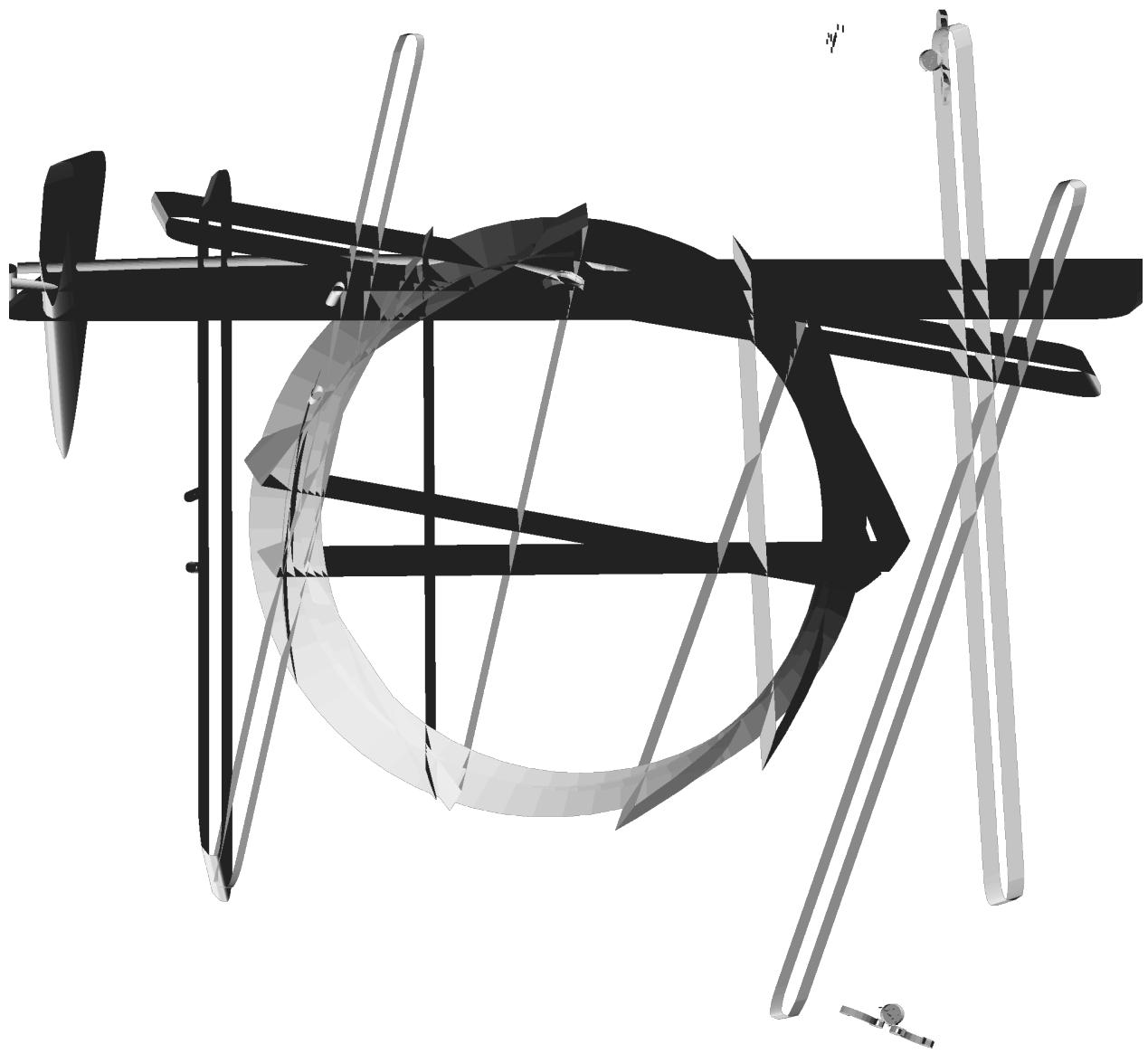
10 instances, Slice 13 of 25



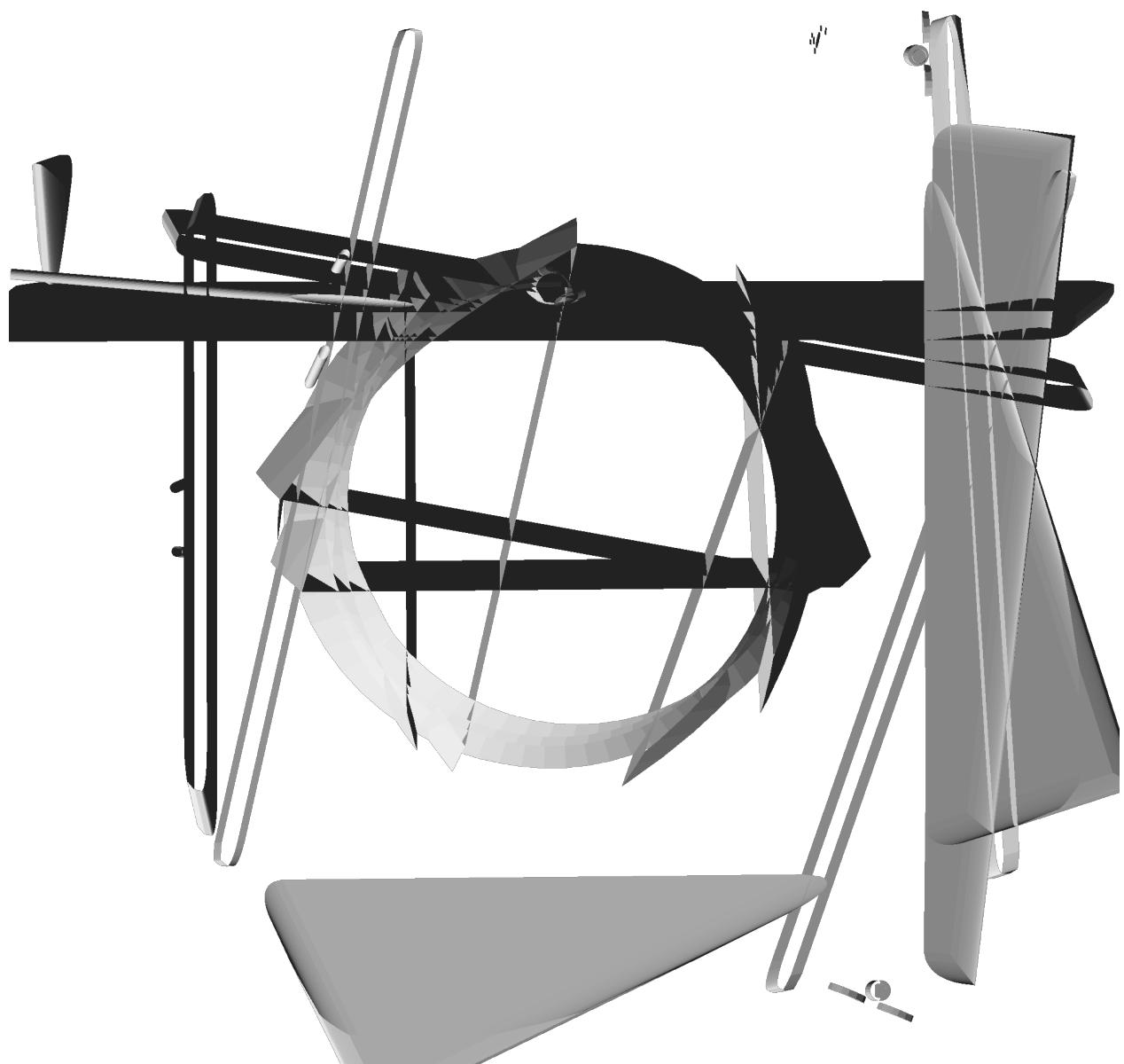
10 instances, Slice 9 of 25



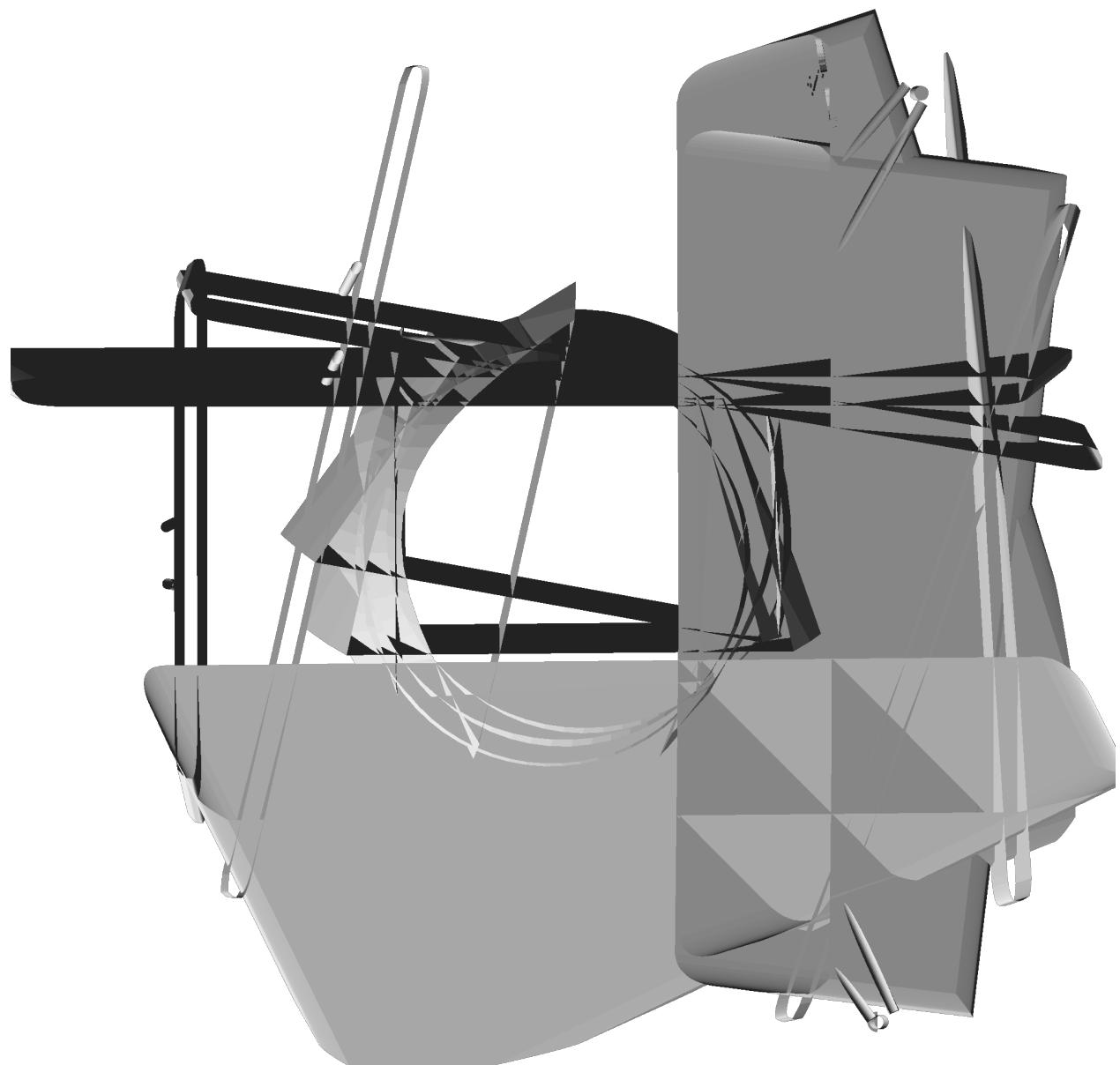
10 instances, Slice 8 of 25



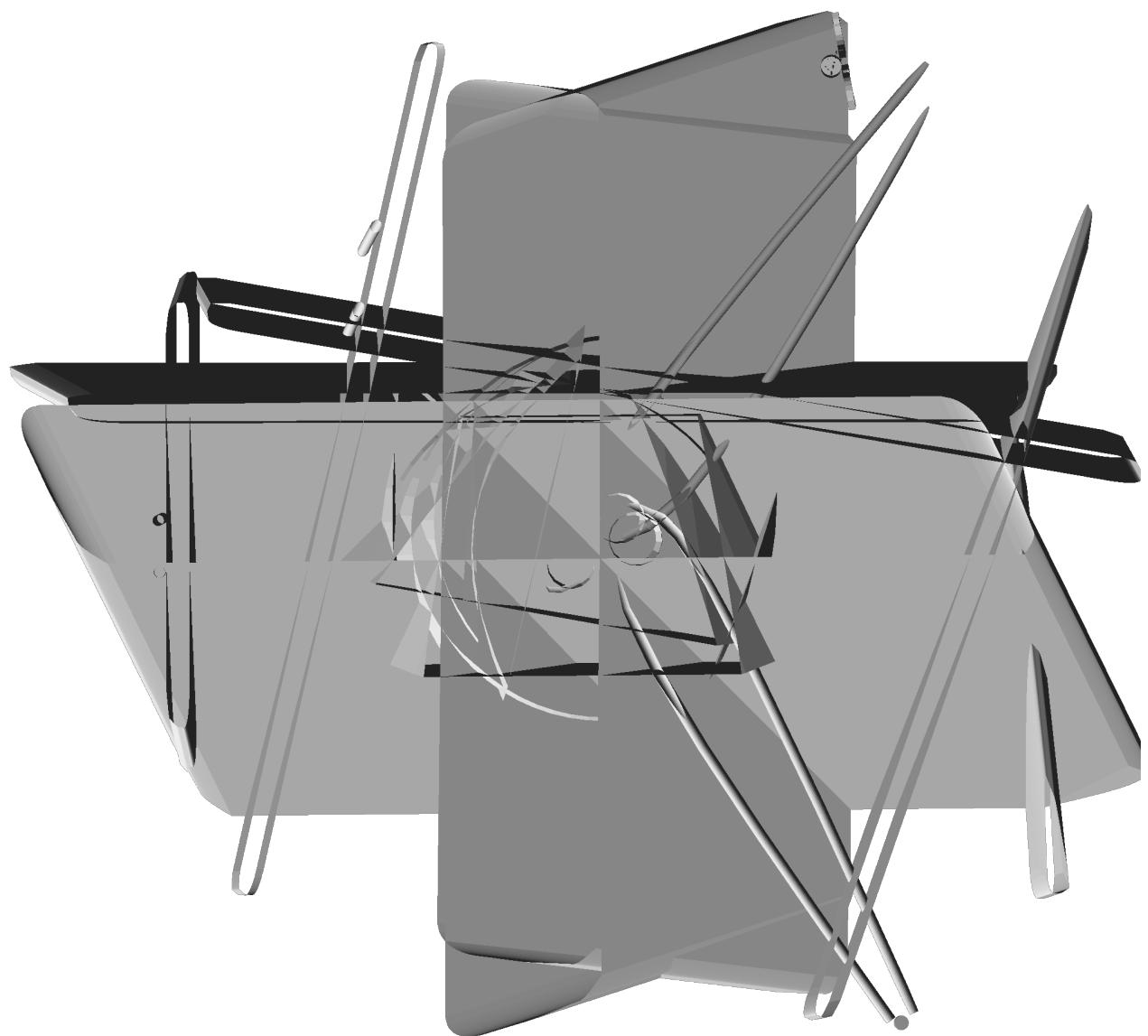
10 instances, Slice 7 of 25



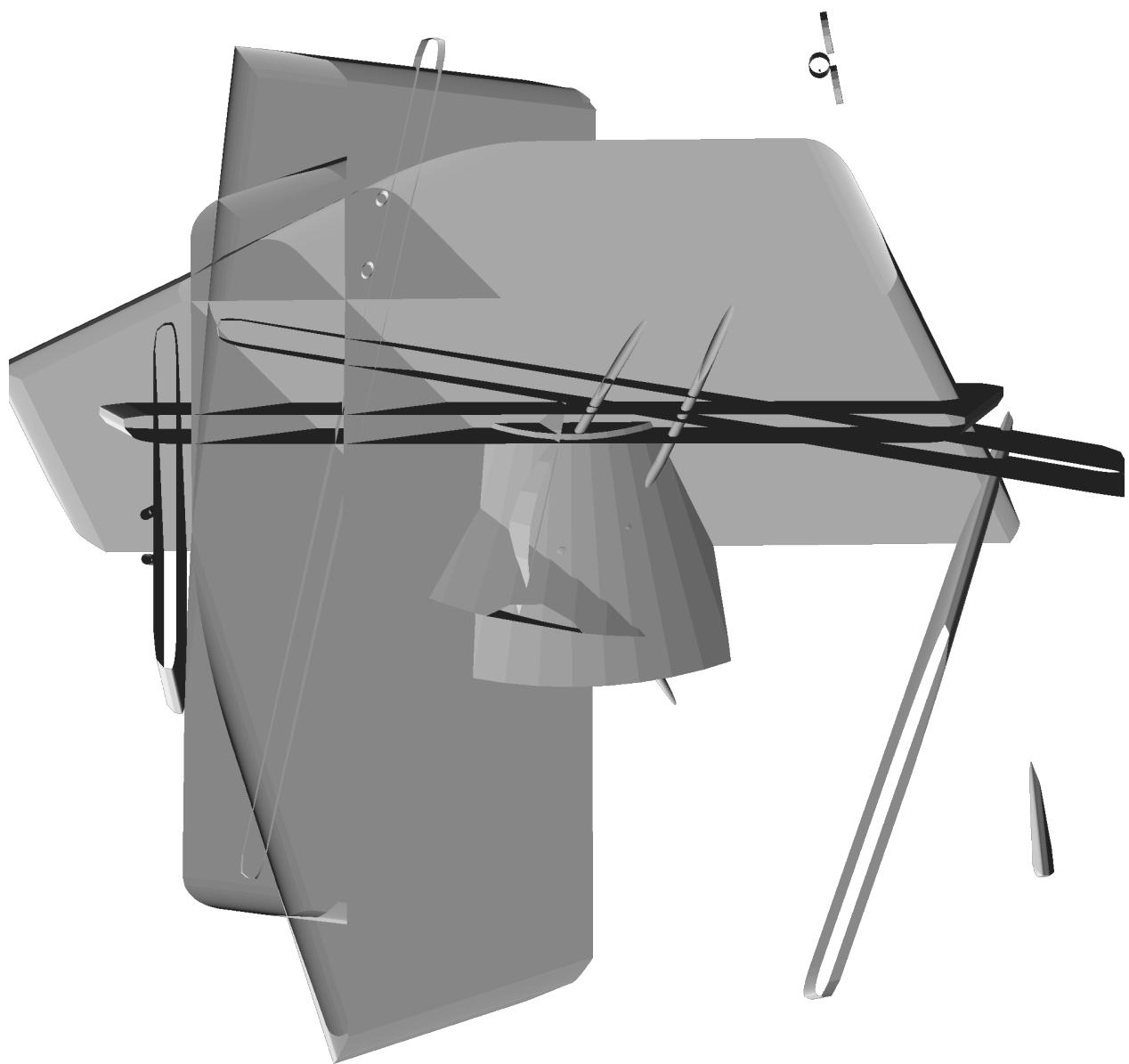
10 instances, Slice 6 of 25



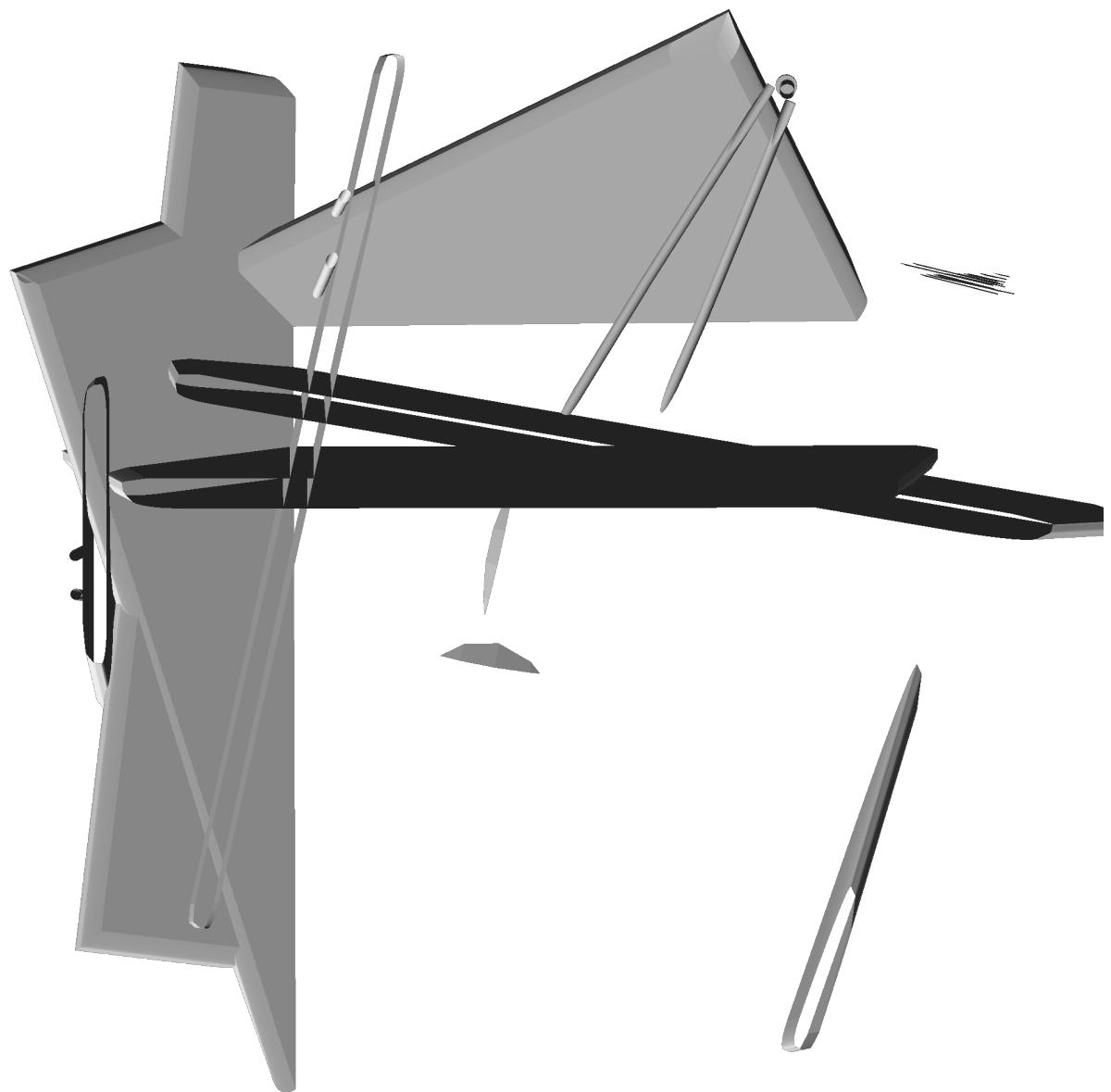
10 instances, Slice 5 of 25



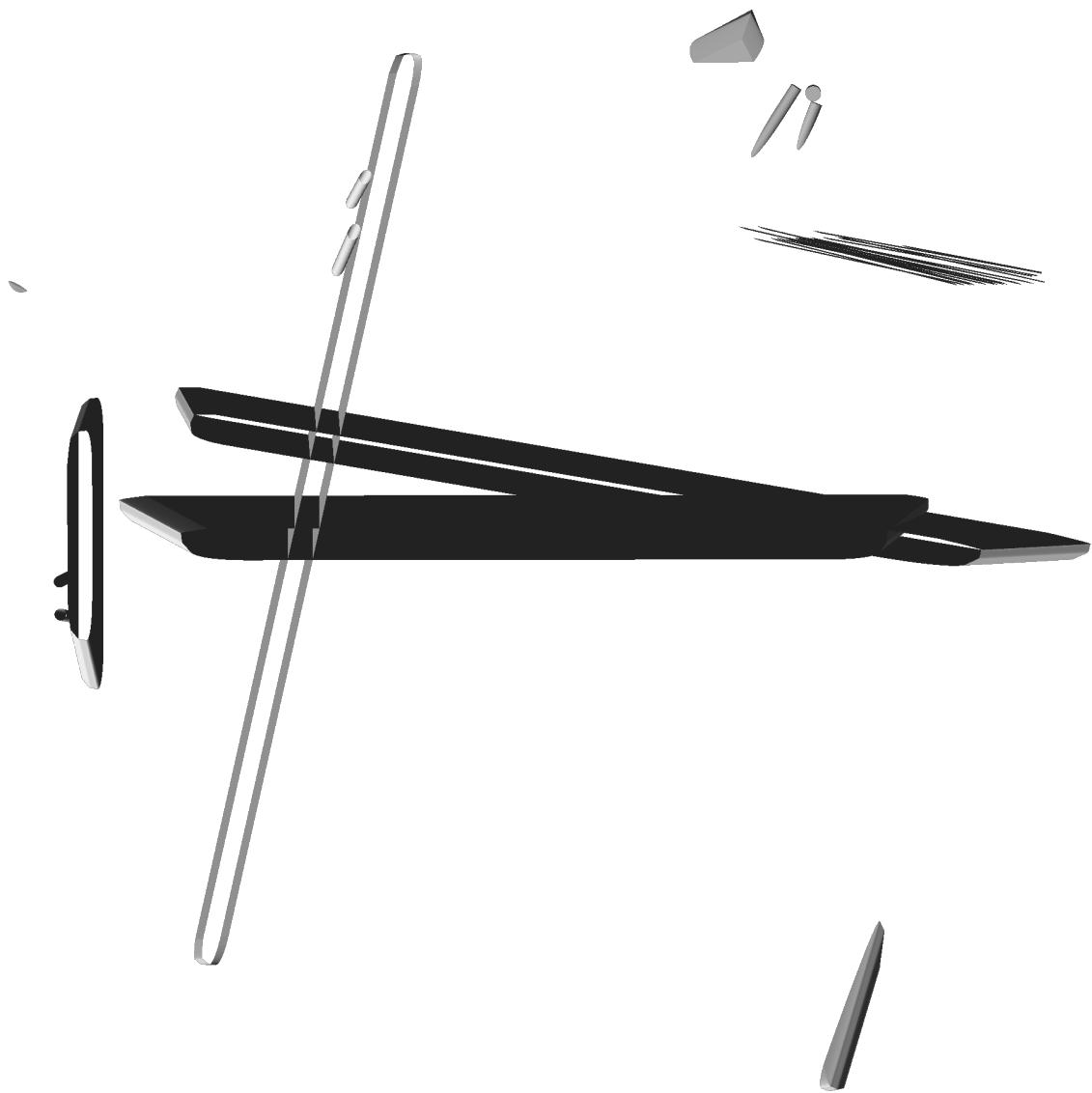
10 instances, Slice 4 of 25



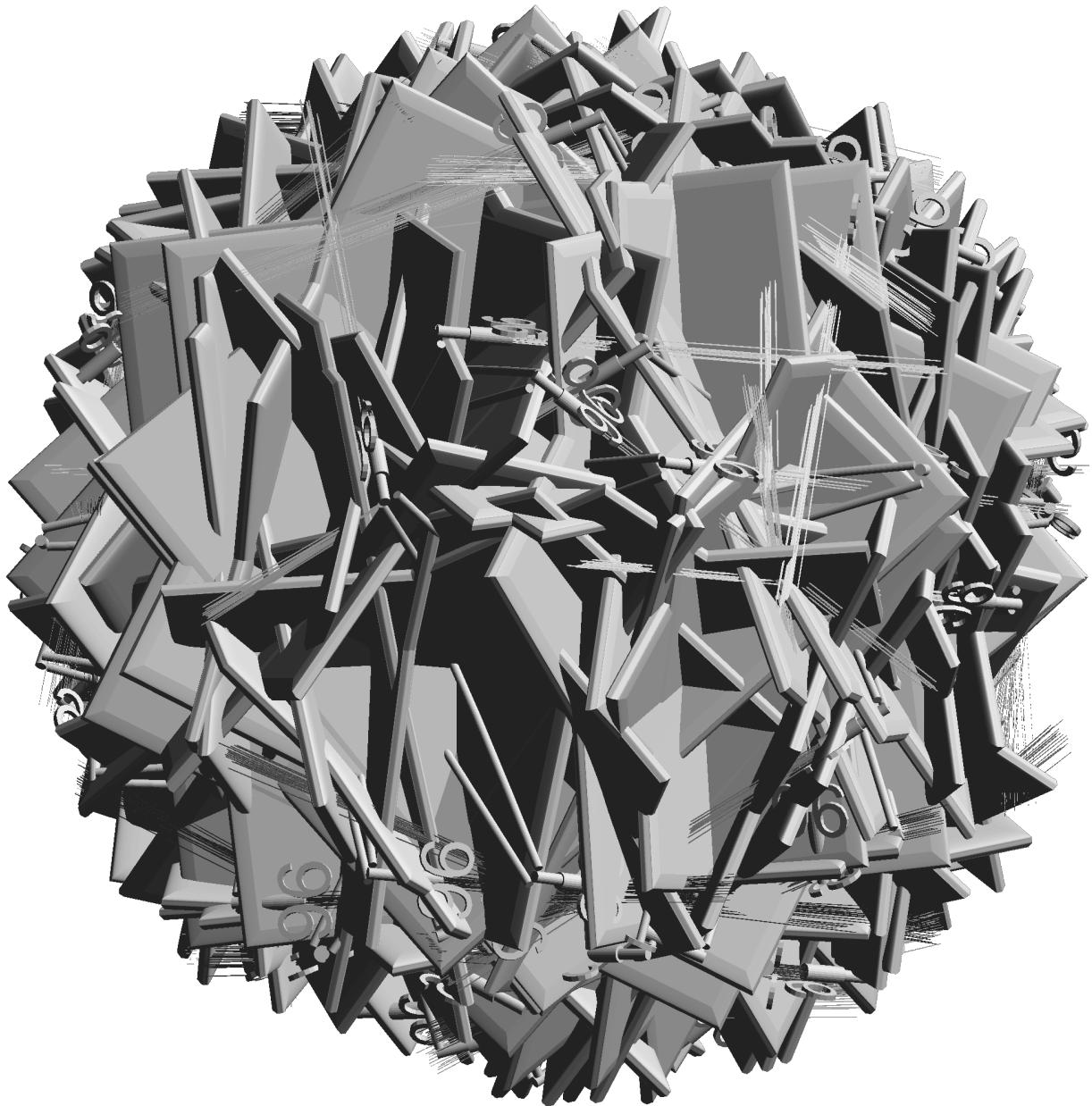
10 instances, Slice 3 of 25



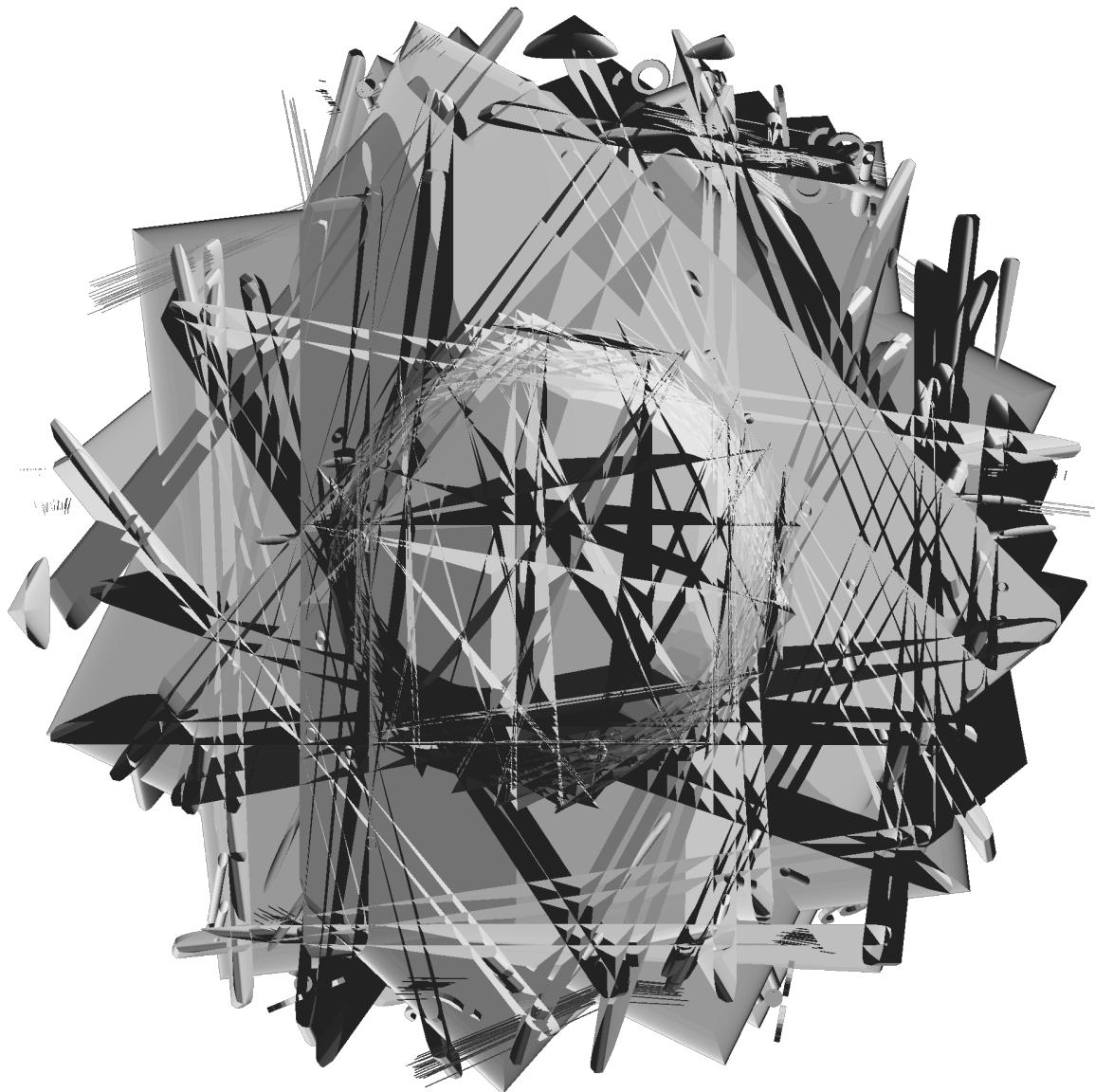
10 instances, Slice 2 of 25



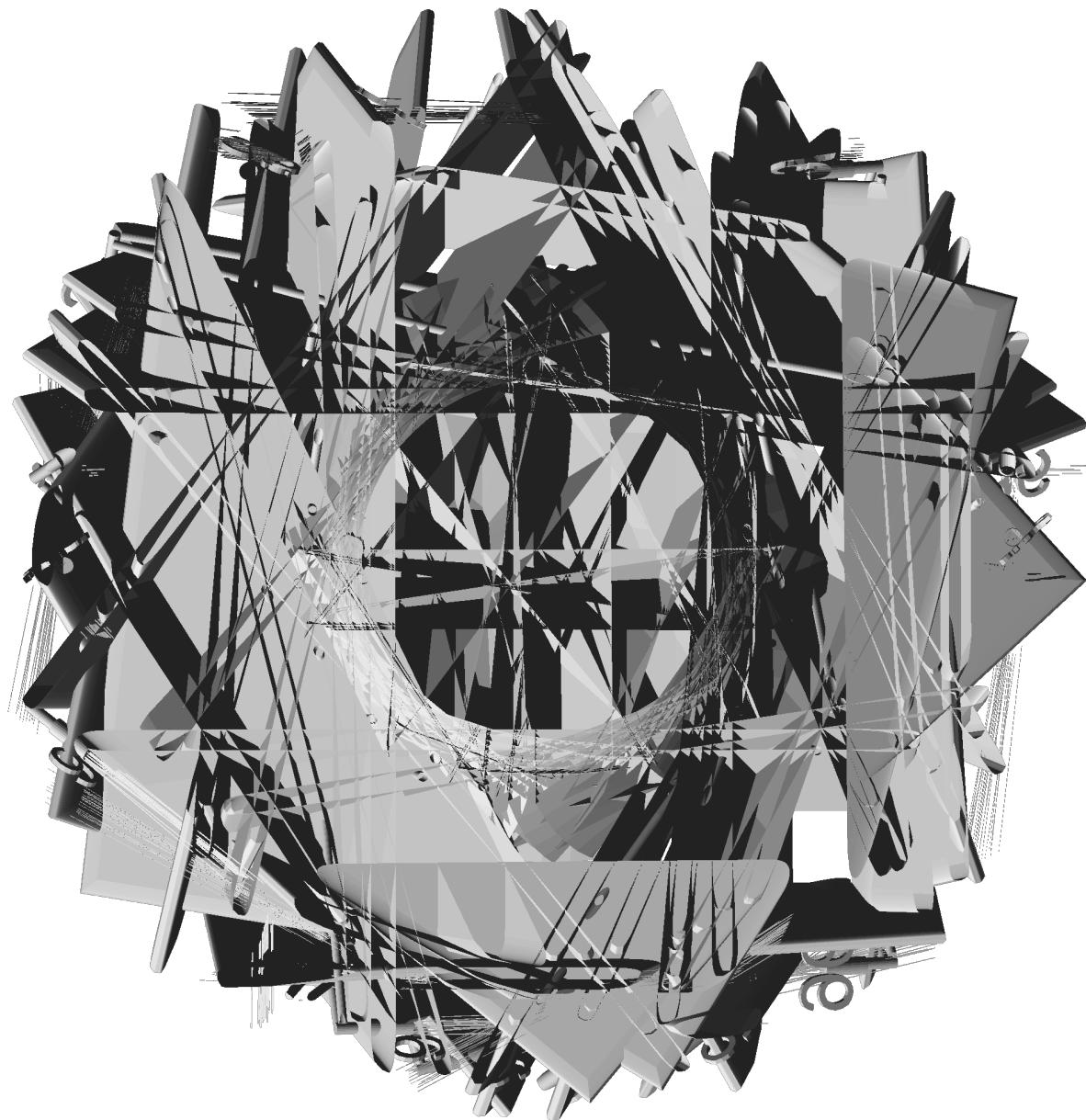
90 instances



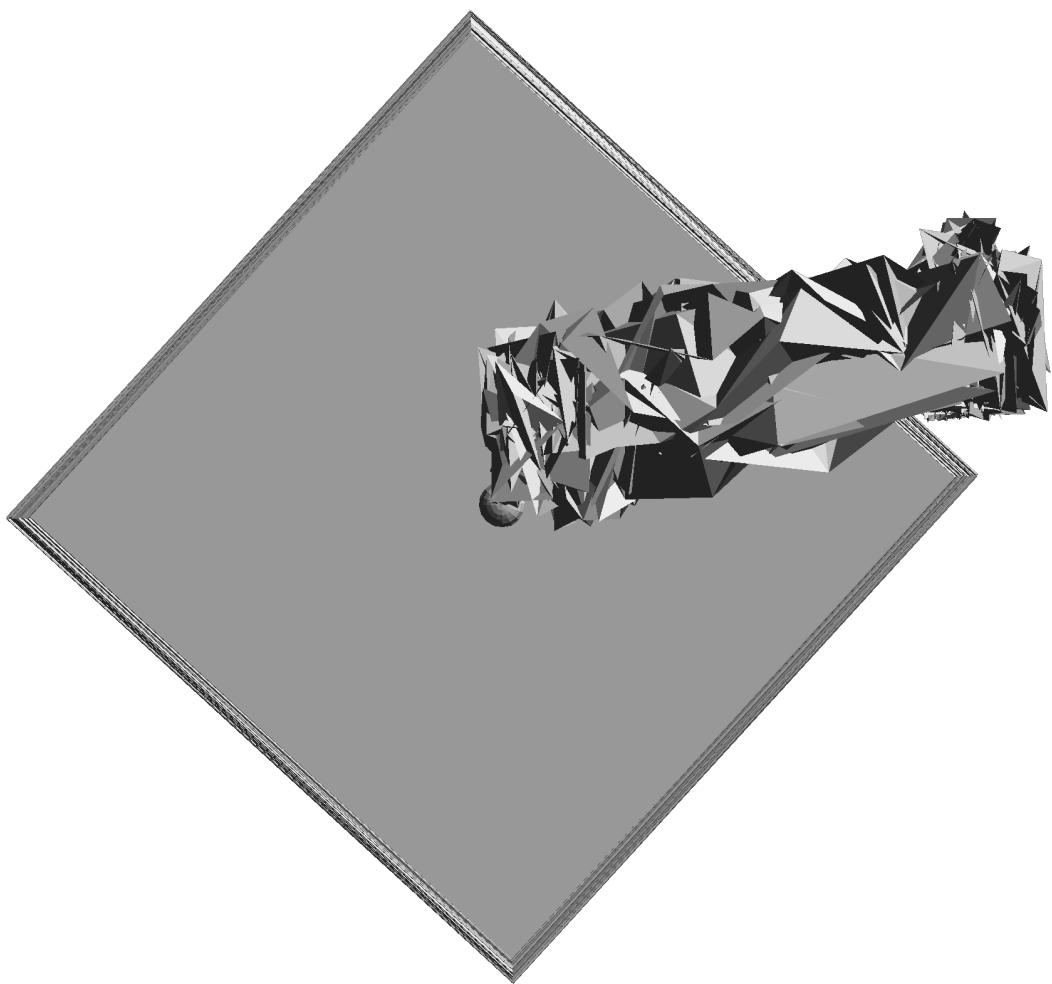
90 instances, Slice 6 of 7



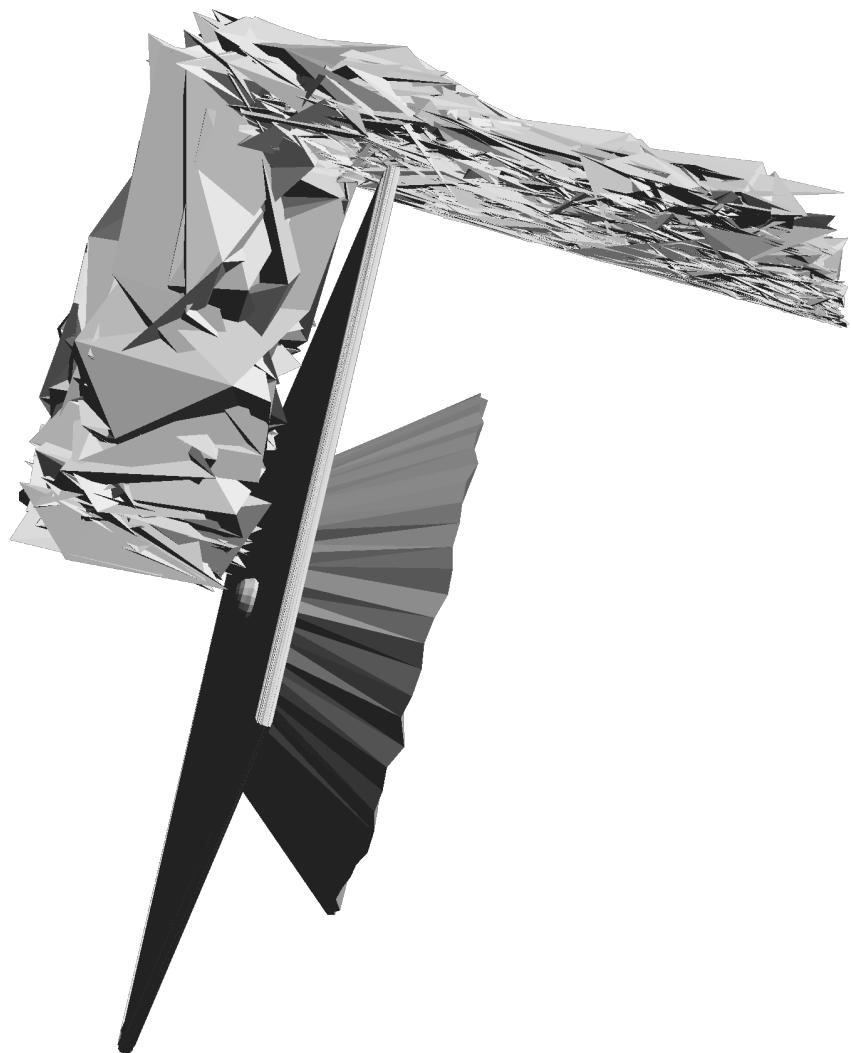
90 instances, Slice 3 of 7



Perturbed vertices



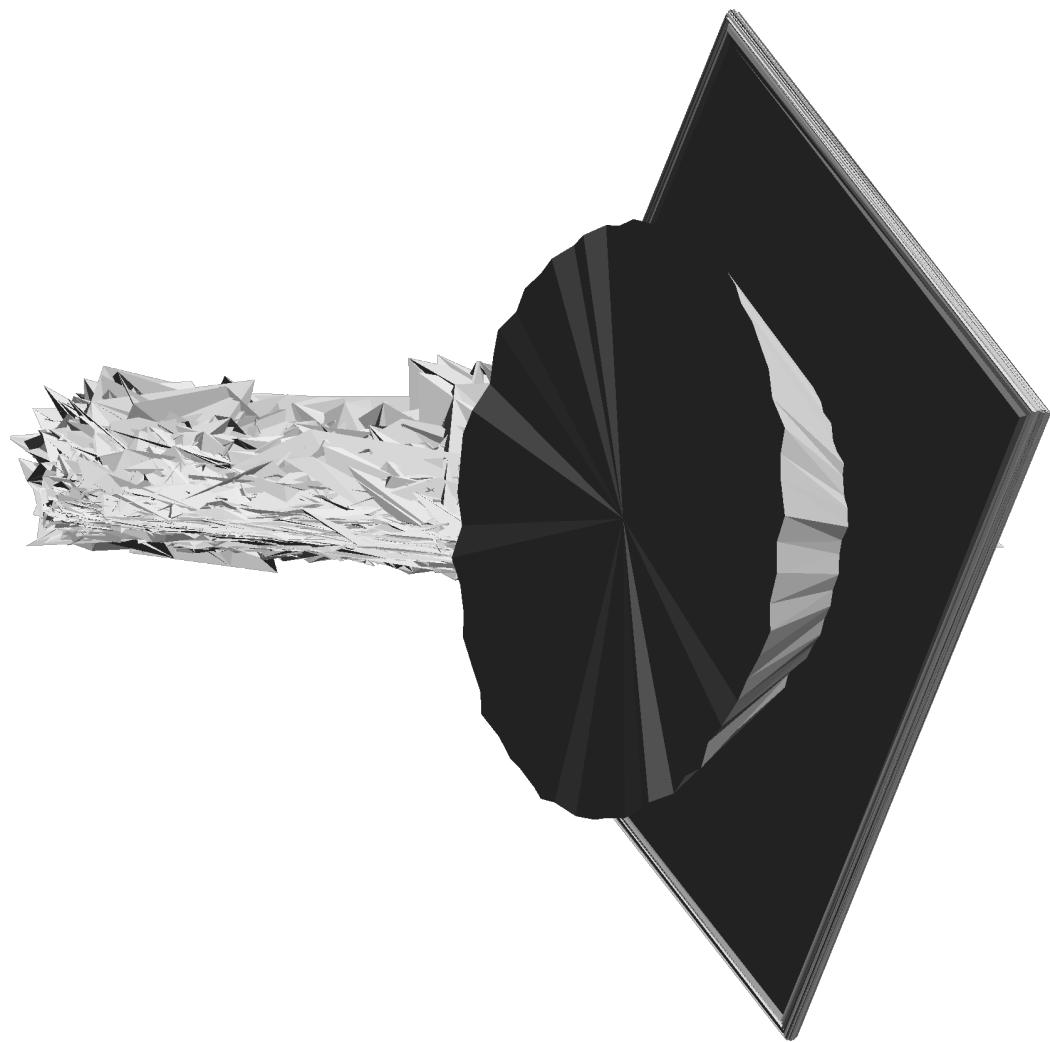
Rotation 1, Perturbed vertices



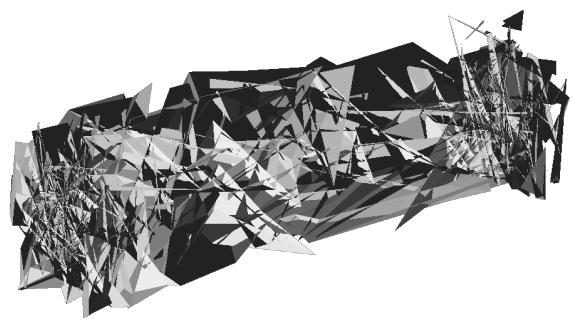
Rotation 2, Perturbed vertices



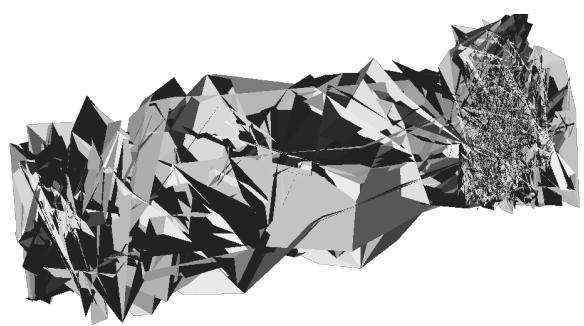
Rotation 3, Perturbed vertices



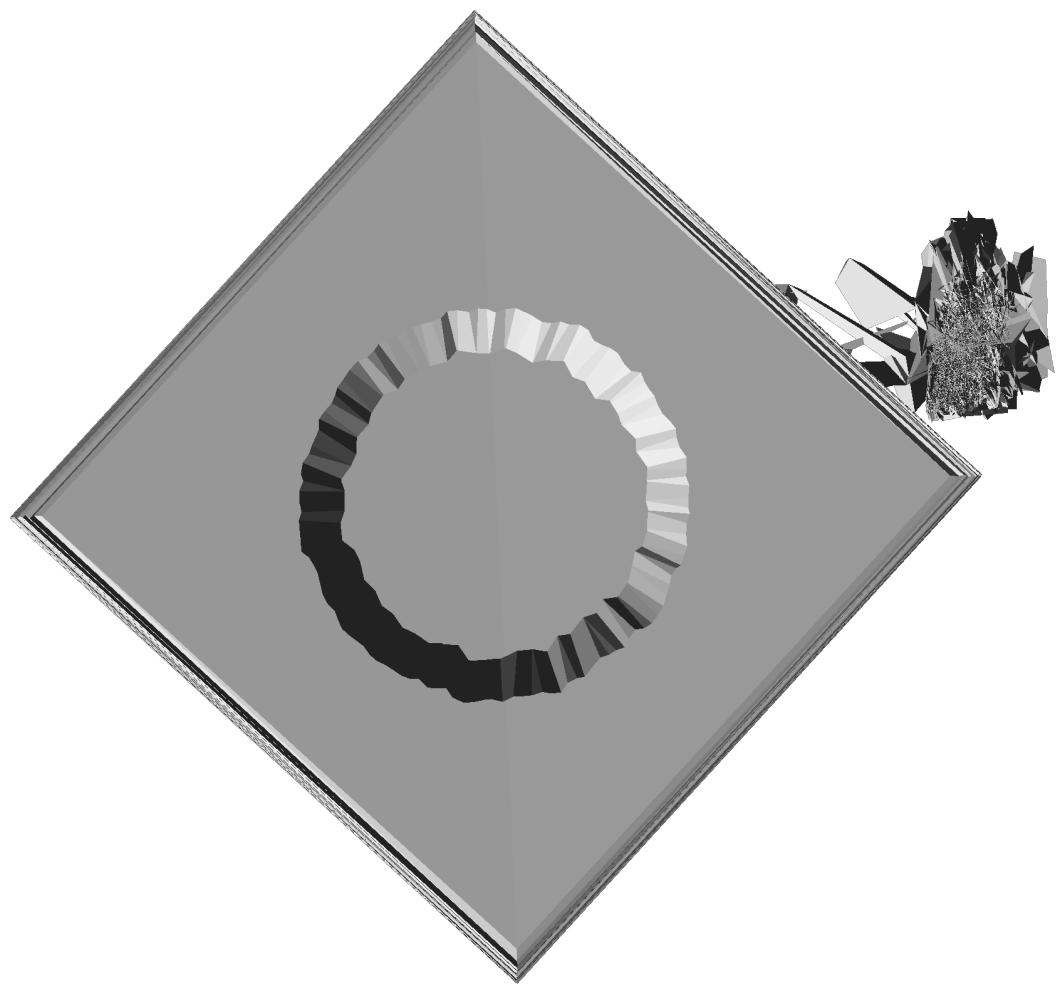
Perturbed vertices, Slice 7 of 7



Perturbed vertices, Slice 6 of 7



Perturbed vertices, Slice 5 of 7



Perturbed vertices, Slice 3 of 7



Perturbed vertices, Slice 2 of 7



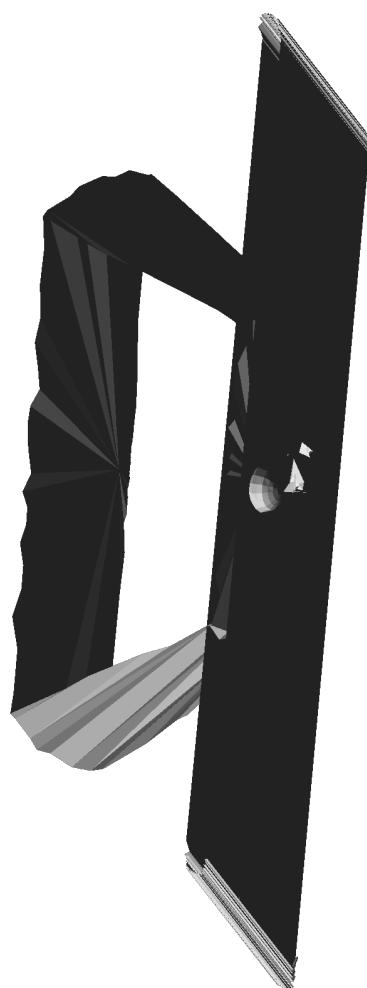
Perturbed vertices, Slice 1 of 7



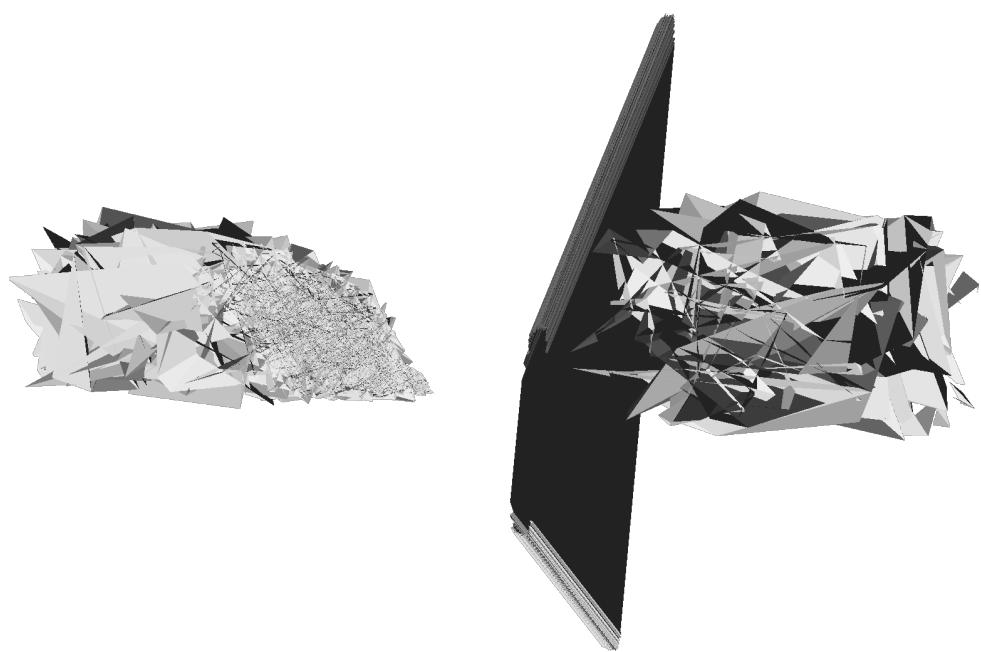
Rotation 1, Perturbed vertices, Slice 2 of 7



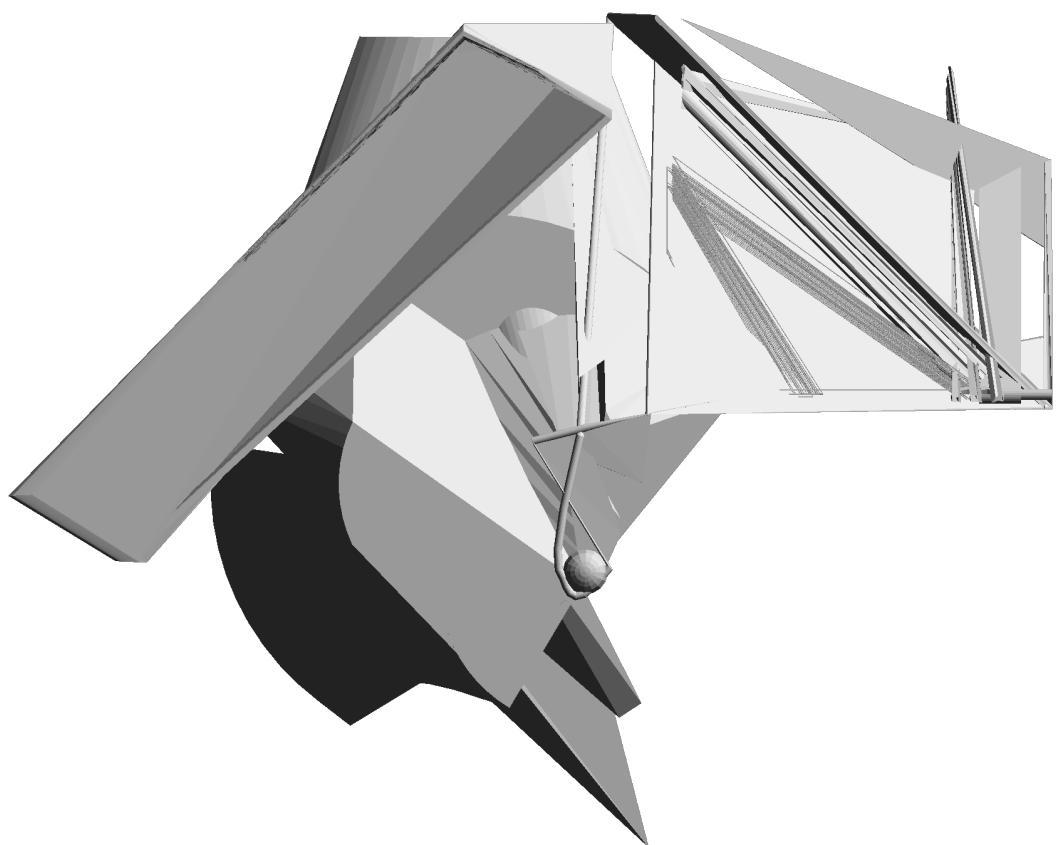
Rotation 3, Perturbed vertices, Slice 4 of 7



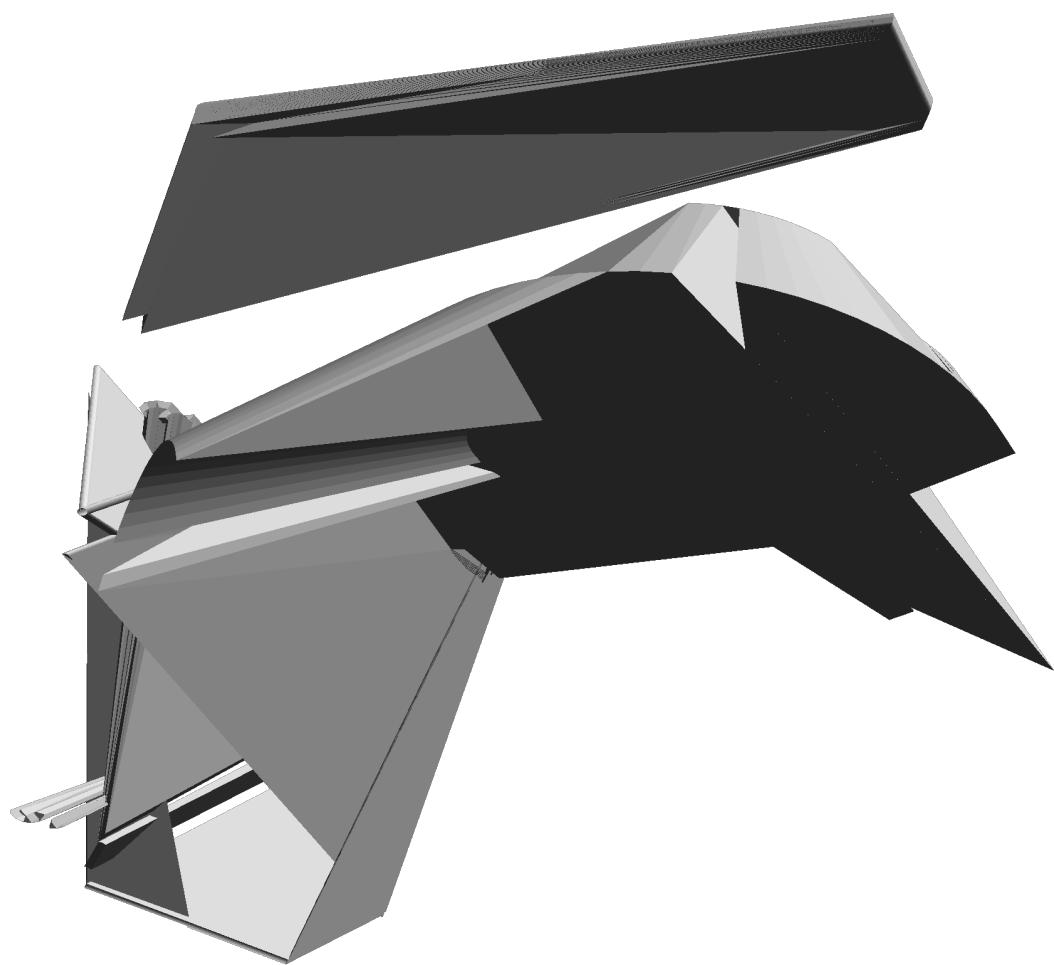
Rotation 3, Perturbed vertices, Slice 2 of 7



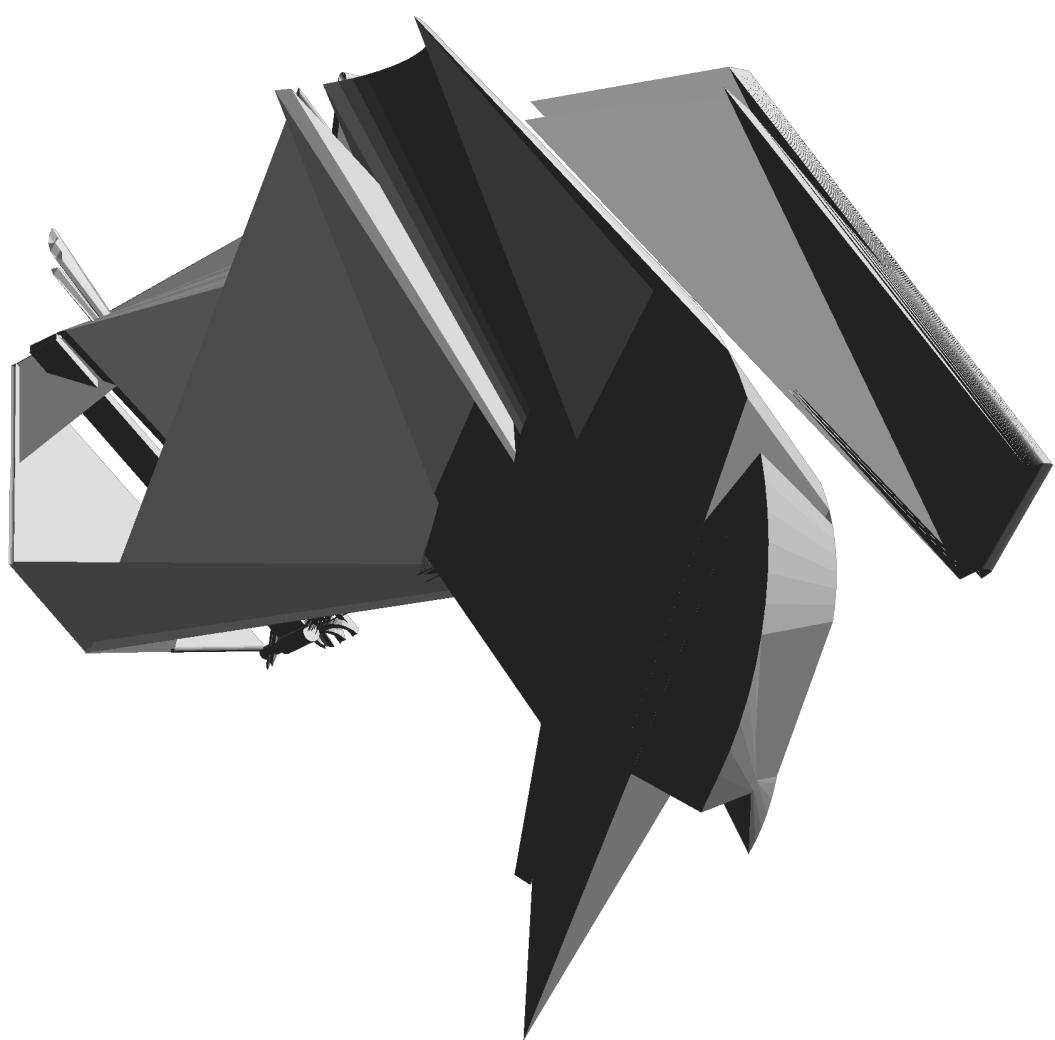
Sorted A



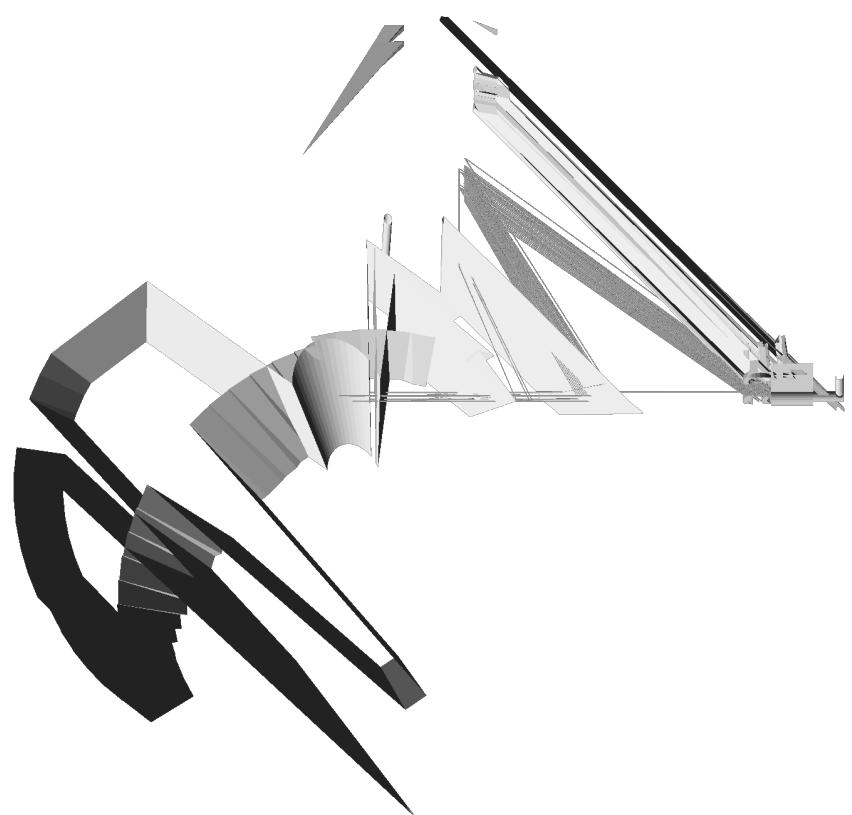
Rotation 2, Sorted A



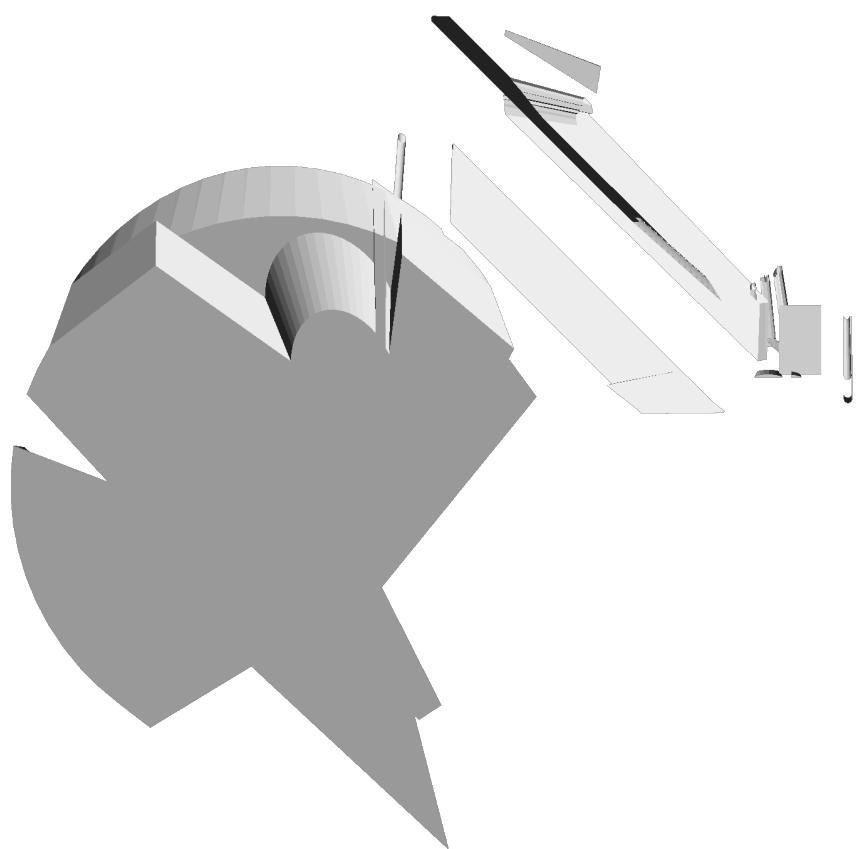
Rotation 3, Sorted A



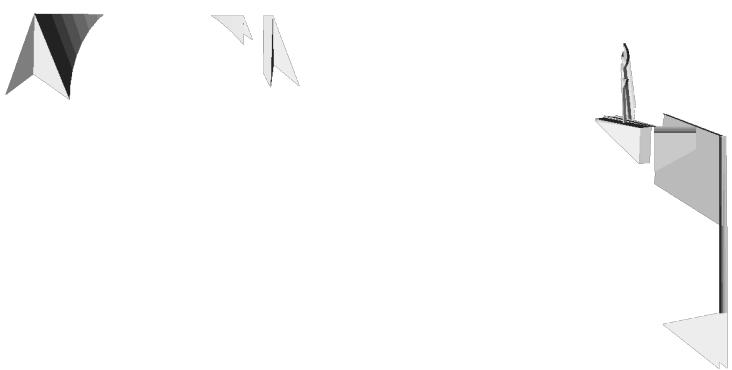
Sorted A, Slice 5 of 7



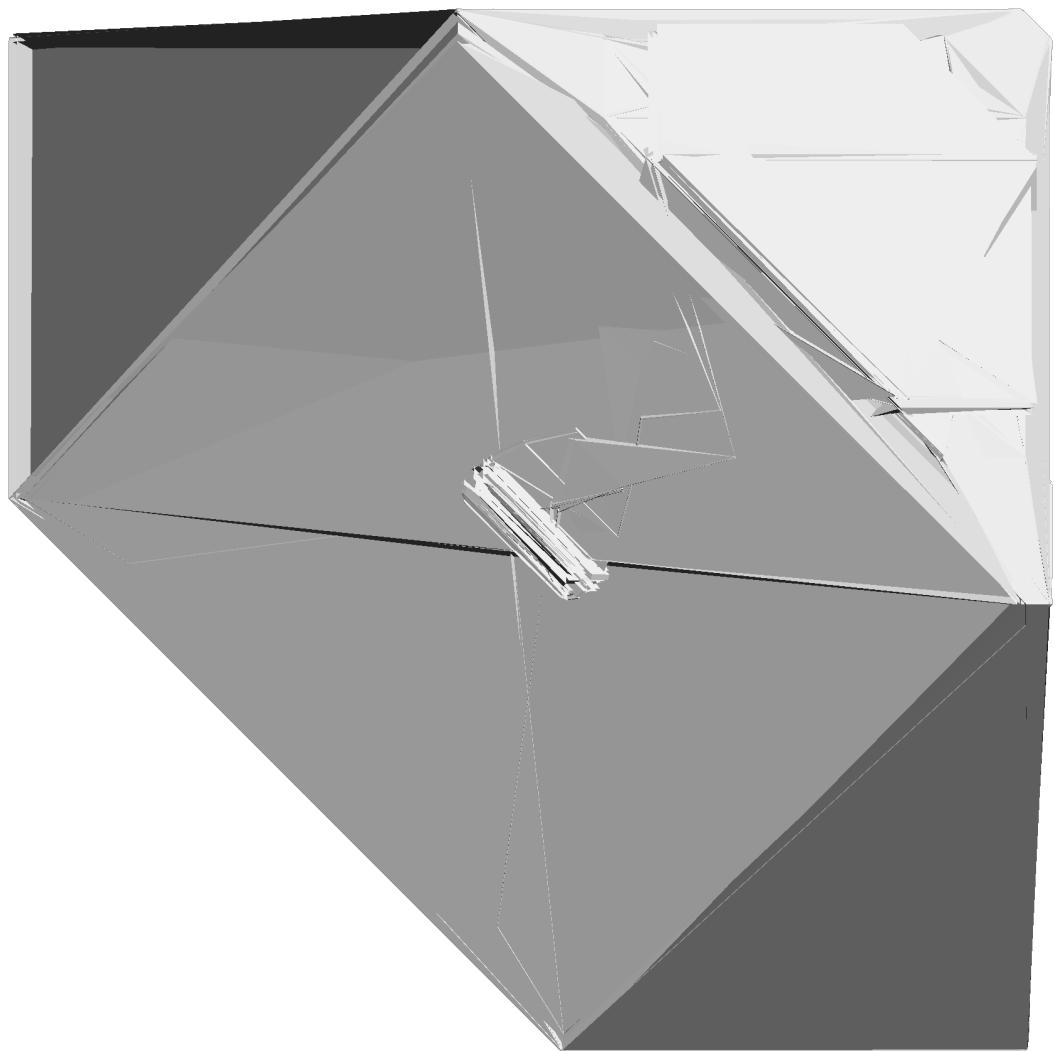
Sorted A, Slice 4 of 7



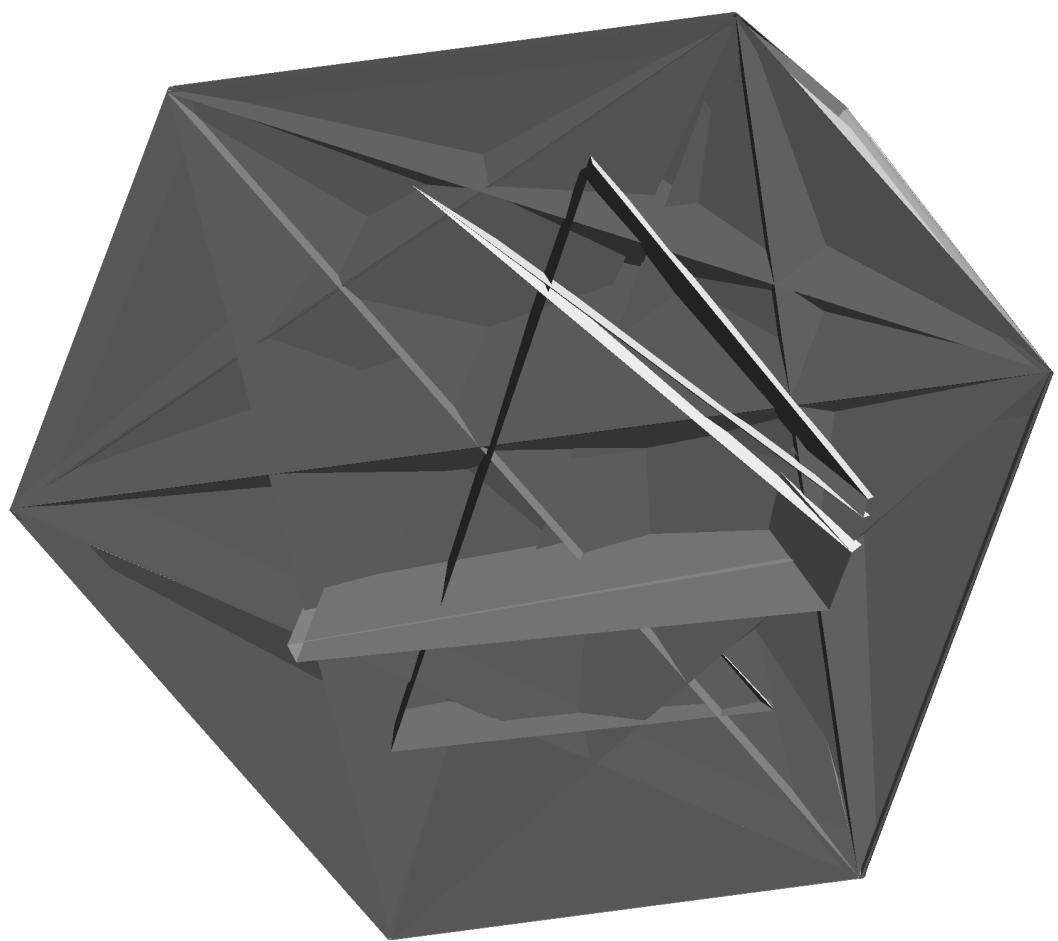
Sorted A, Slice 1 of 7



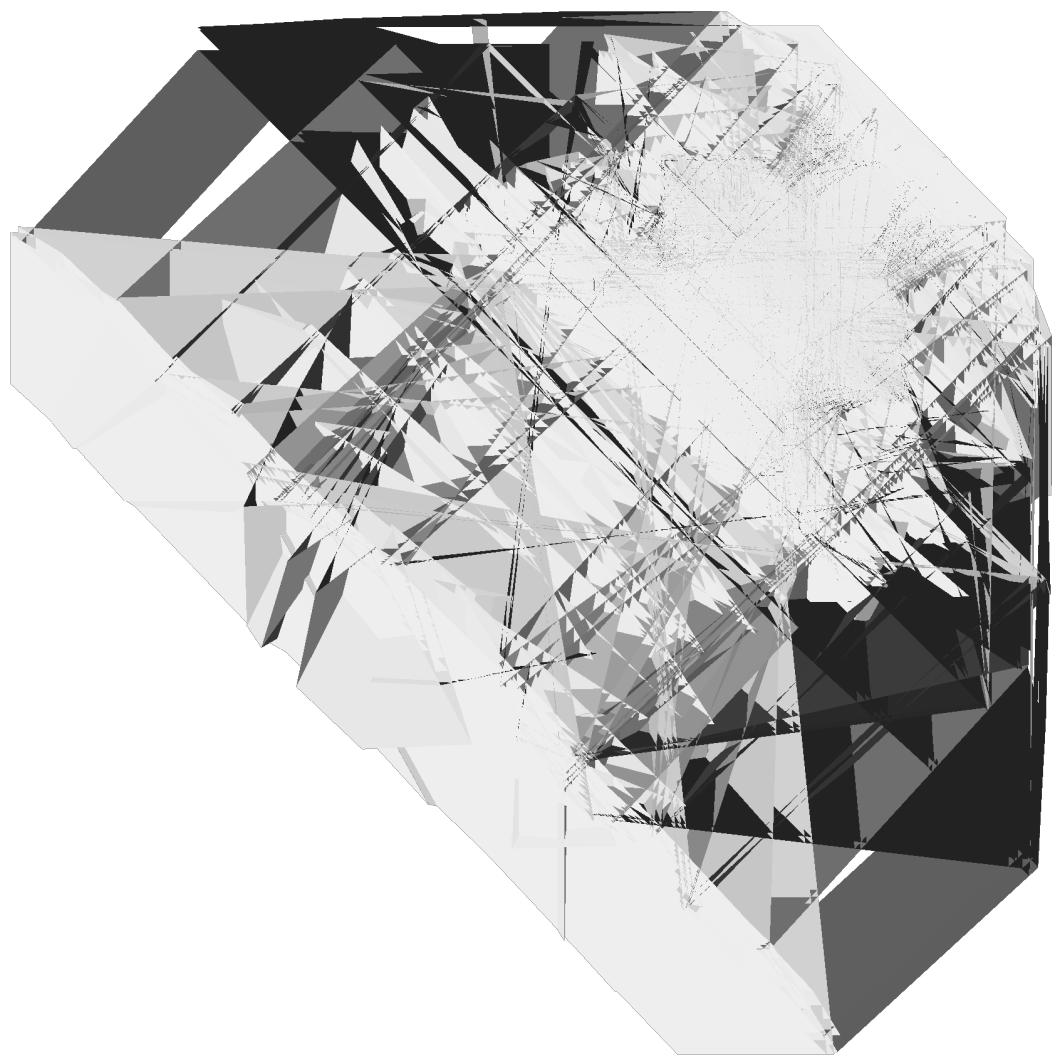
Sorted B



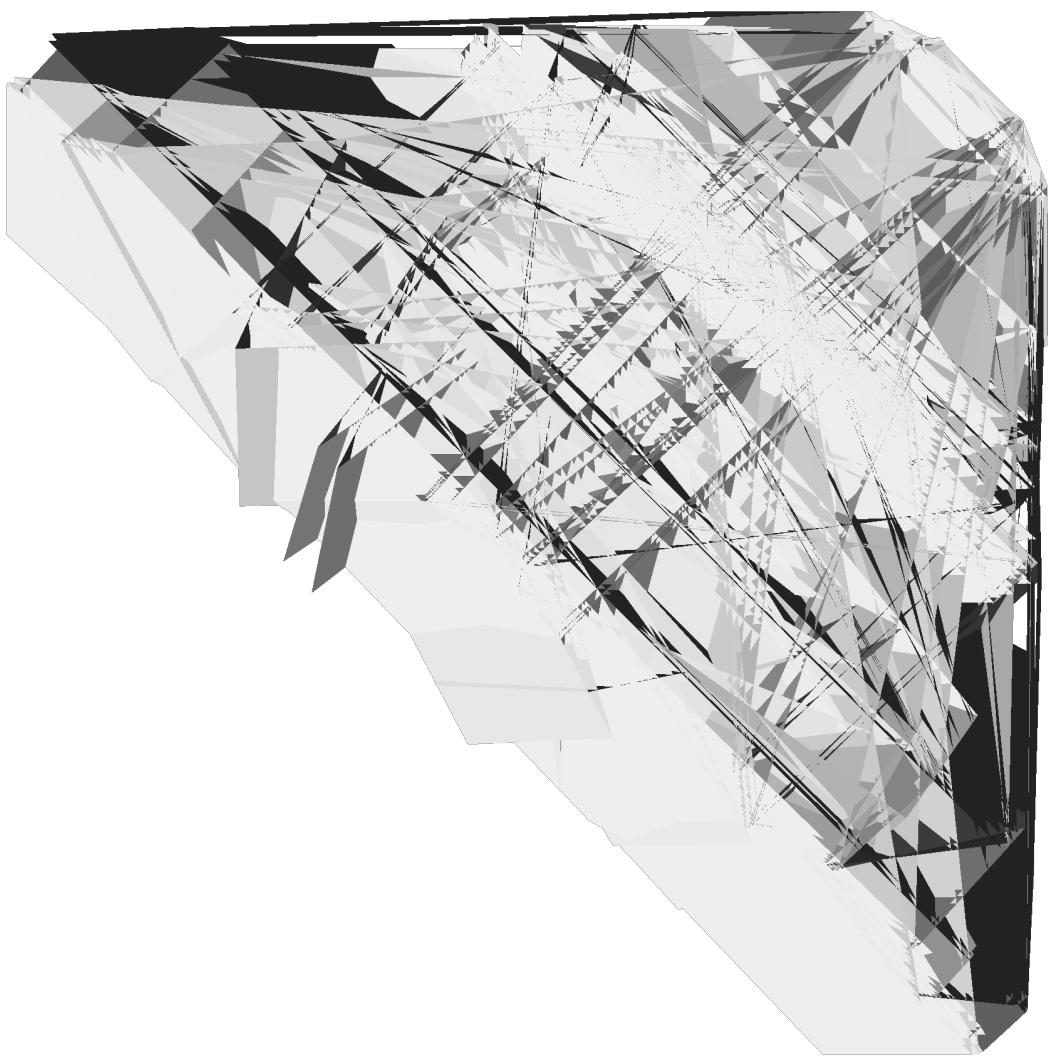
Rotation 3, Sorted B



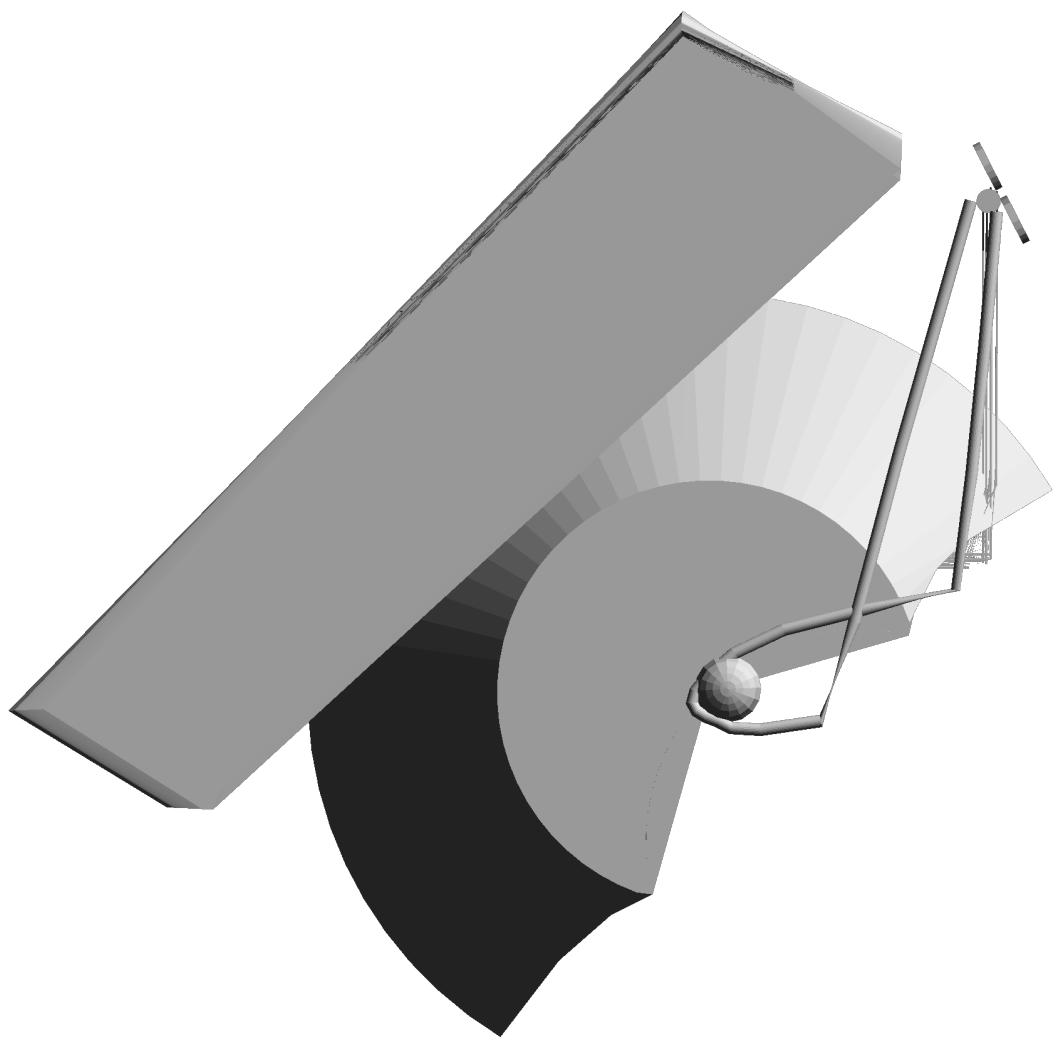
Sorted B, Slice 6 of 7



Sorted B, Slice 5 of 7



Sorted C



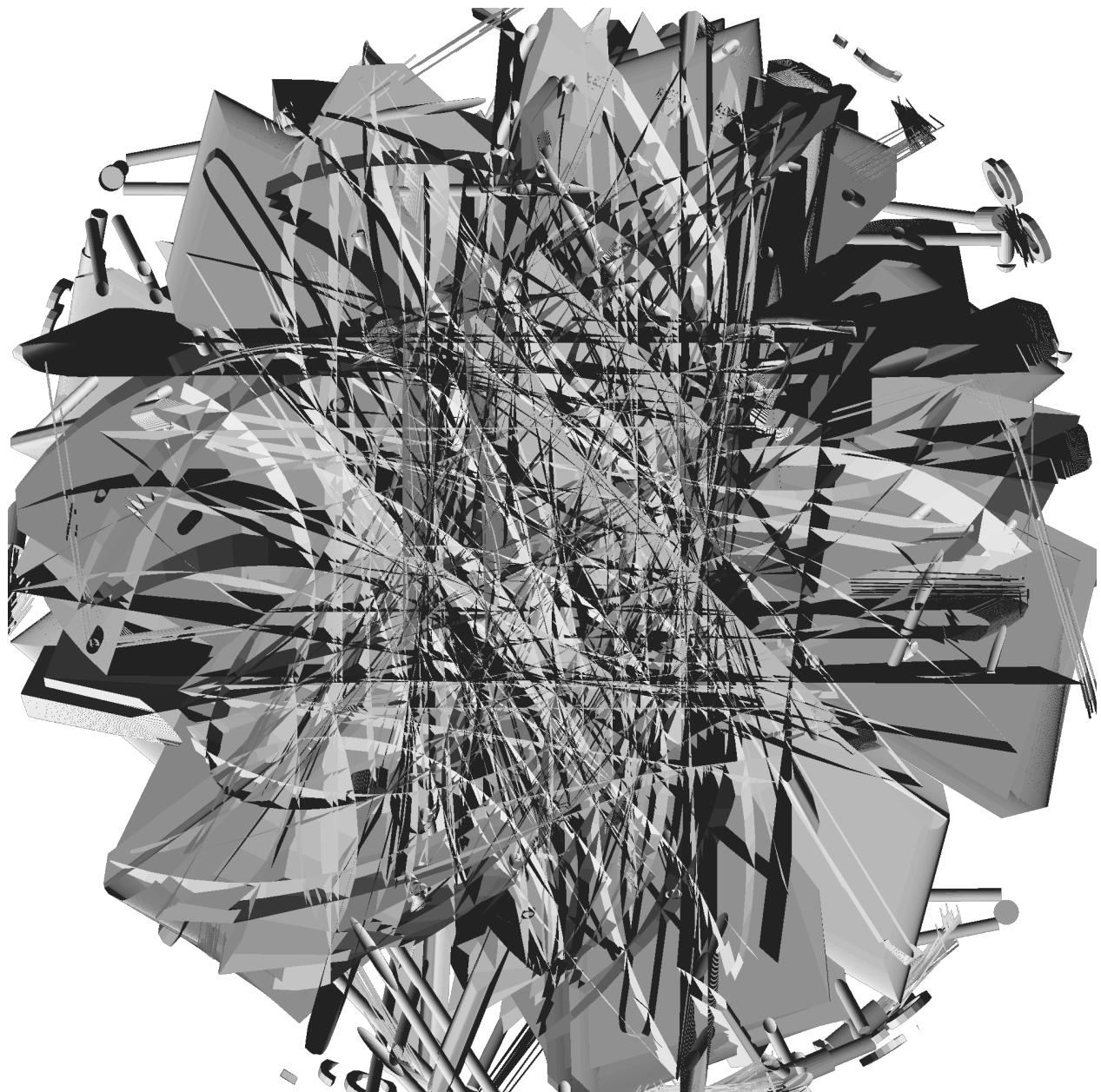
Rotation 3, Sorted C



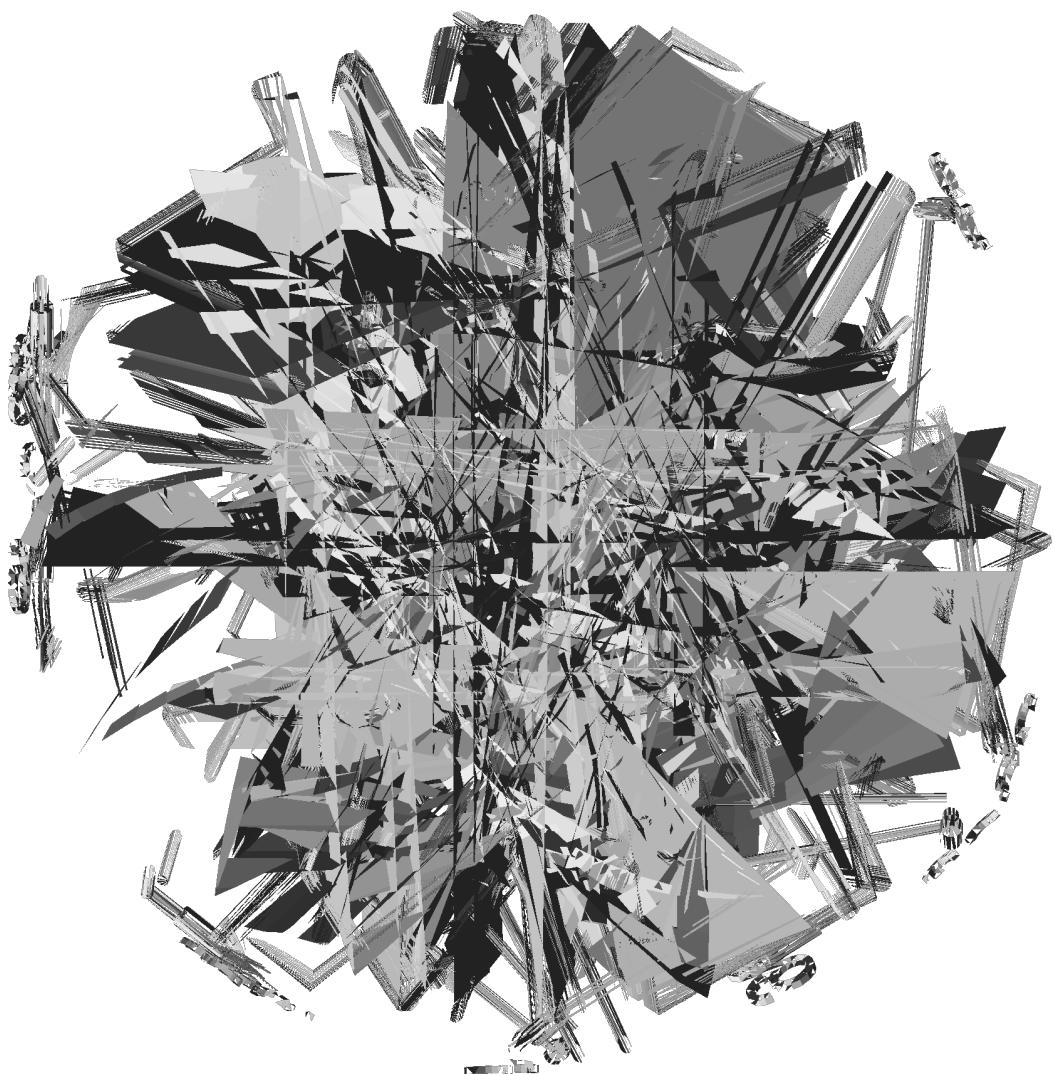
Sorted C, Slice 4 of 7



Sorted C, 90 instances, Slice 5 of 7

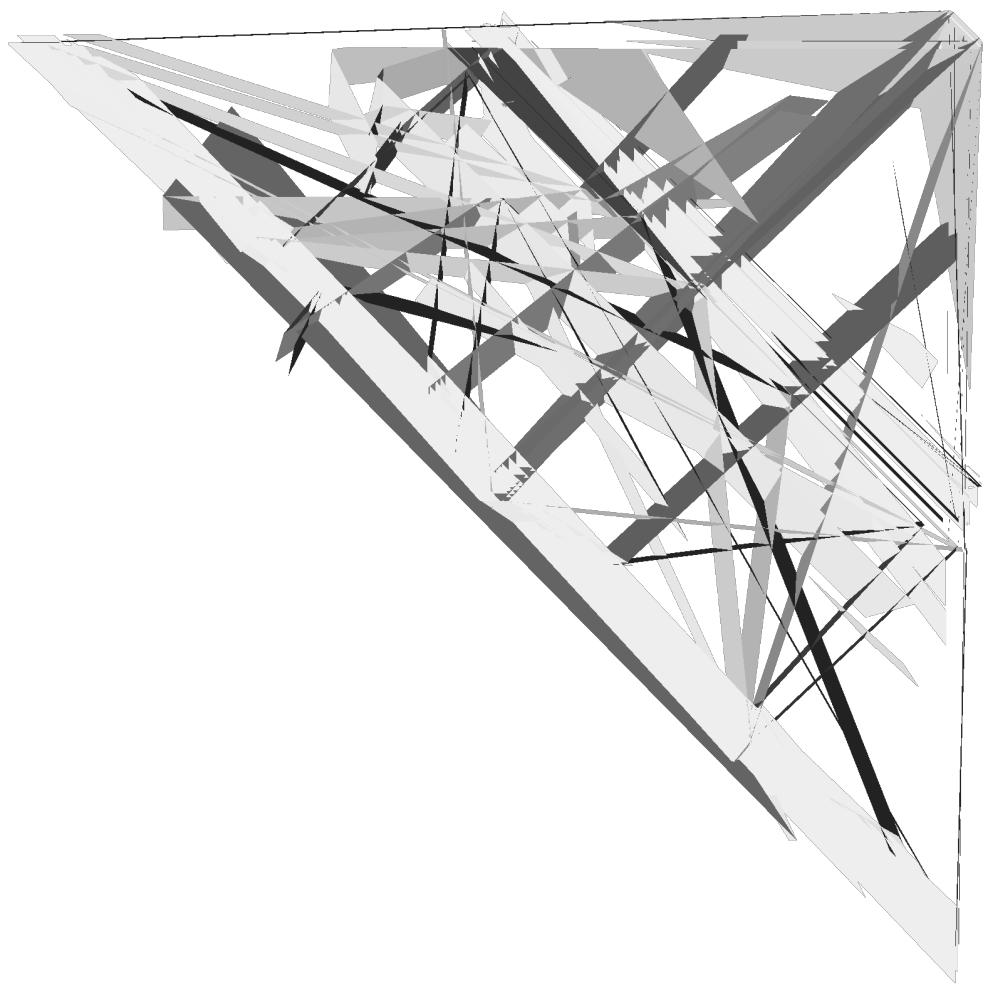


Sorted C (faces knocked out), 79 instances, Slice 2 of 8

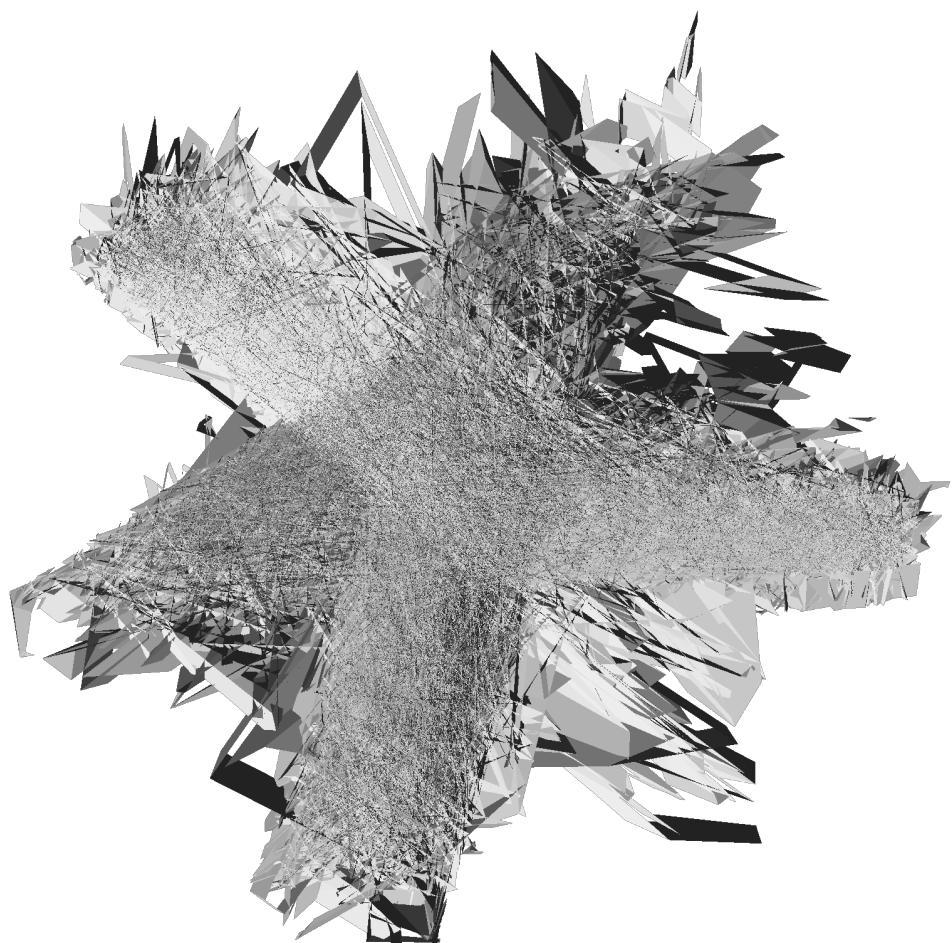


(shuffled), 4 instances

Sorted B (faces knocked out), Slice 15 of 28



Perturbed vertices (perturbed), 6 instances, Slice 16 of 32

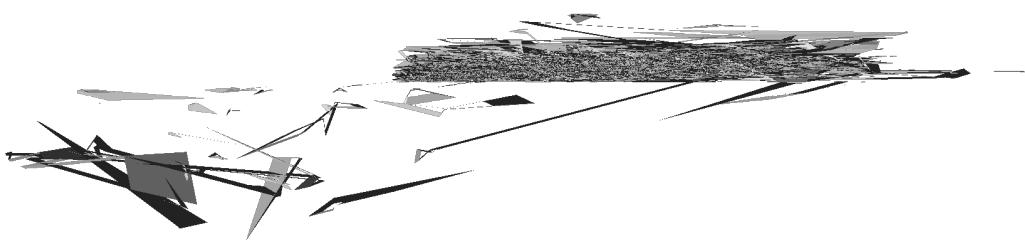


Perturbed faces (shuffled), 96 instances

Sorted C (somewhat shuffled), 40 instances



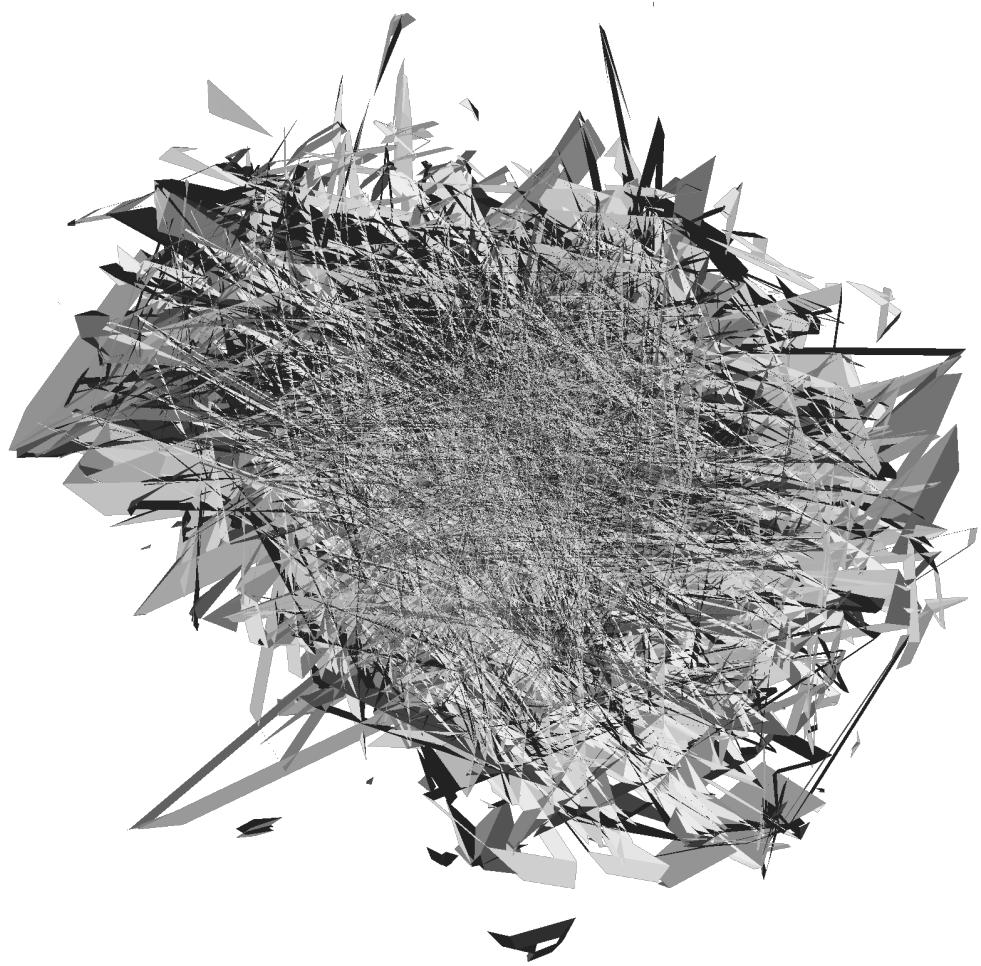
(perturbed), Slice 33 of 44



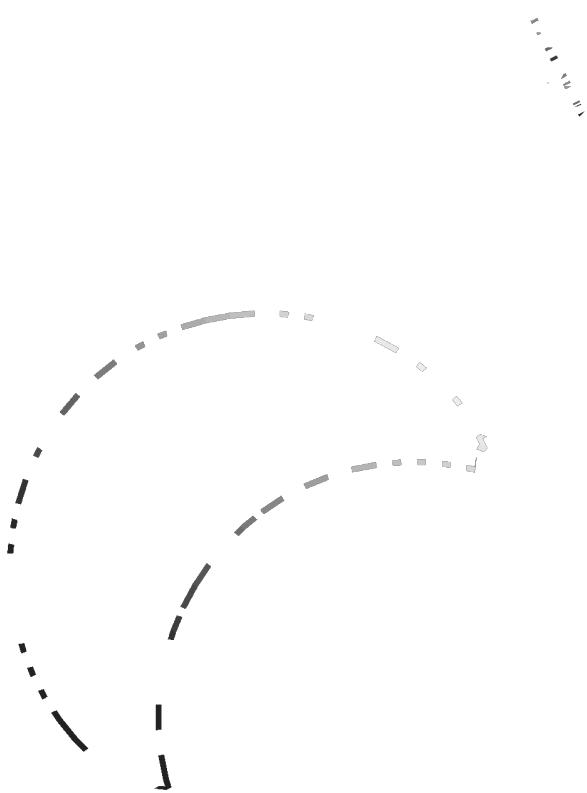
Perturbed faces (shuffled), Slice 5 of 19

(shuffled), Slice 8 of 30

Sorted B (perturbed), 41 instances, Slice 40 of 47

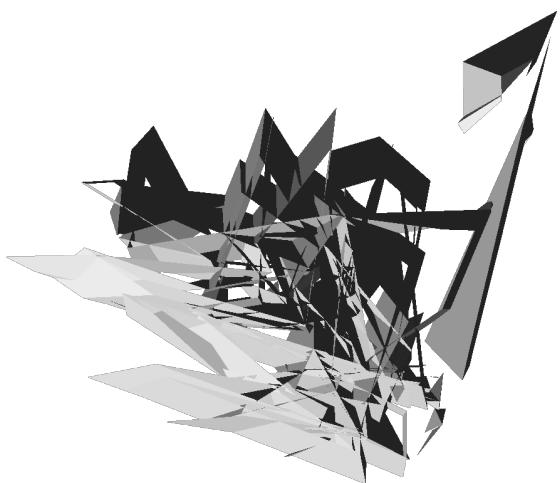


Sorted C (faces knocked out), Slice 15 of 41



(shuffled), 50 instances

Sorted A (perturbed), Slice 11 of 15



Sorted C (somewhat shuffled), 30 instances



Sorted C (perturbed), Slice 37 of 45

