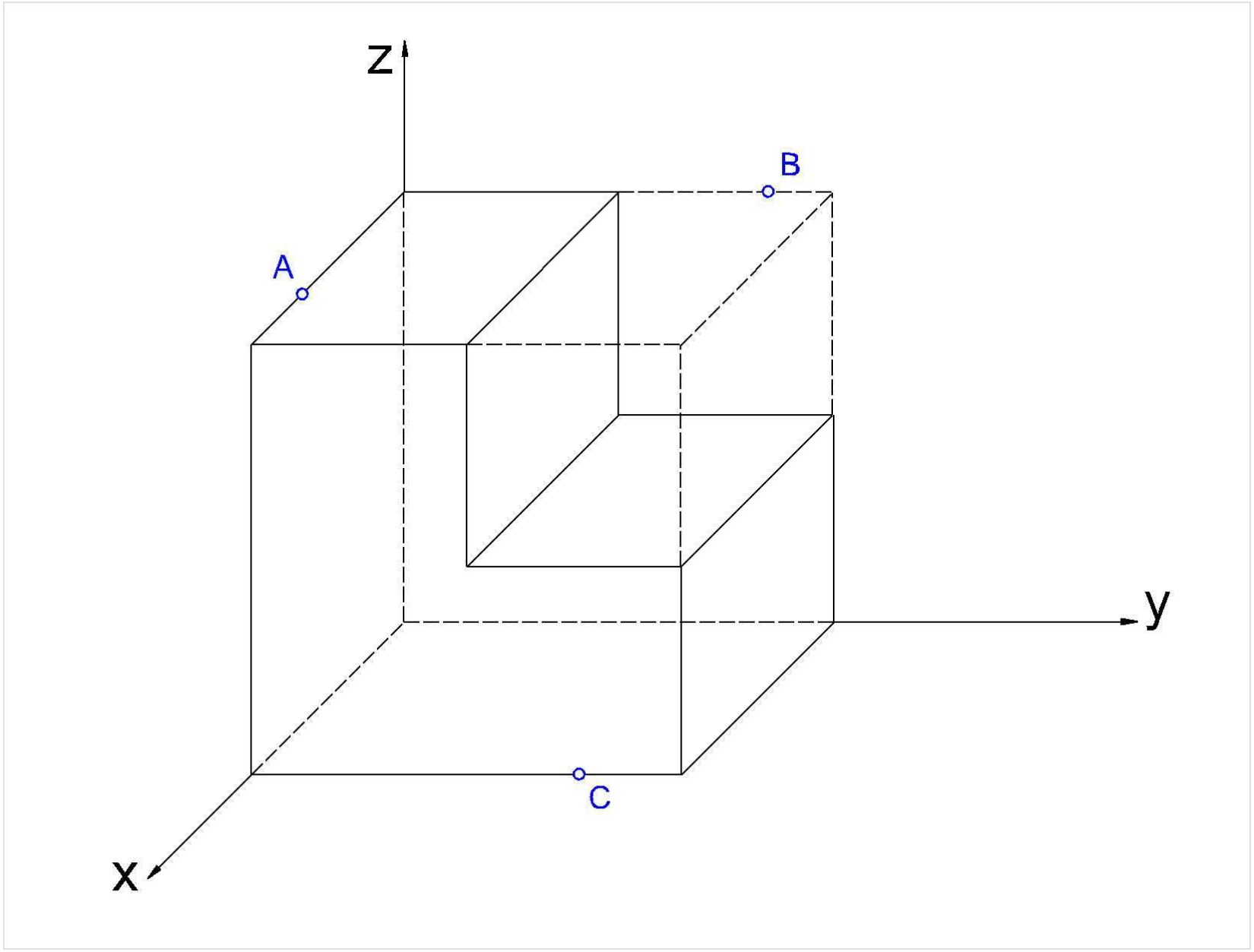
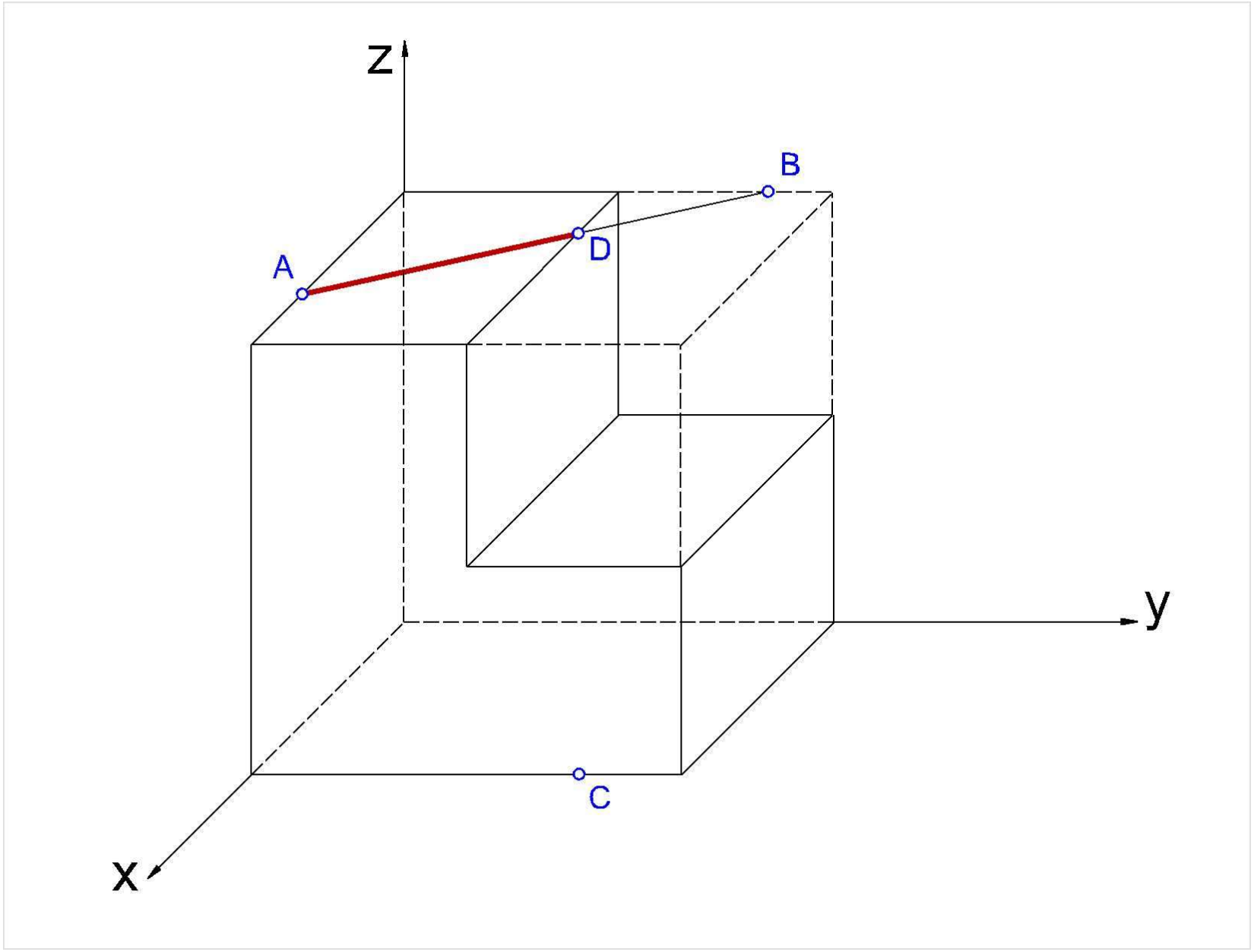
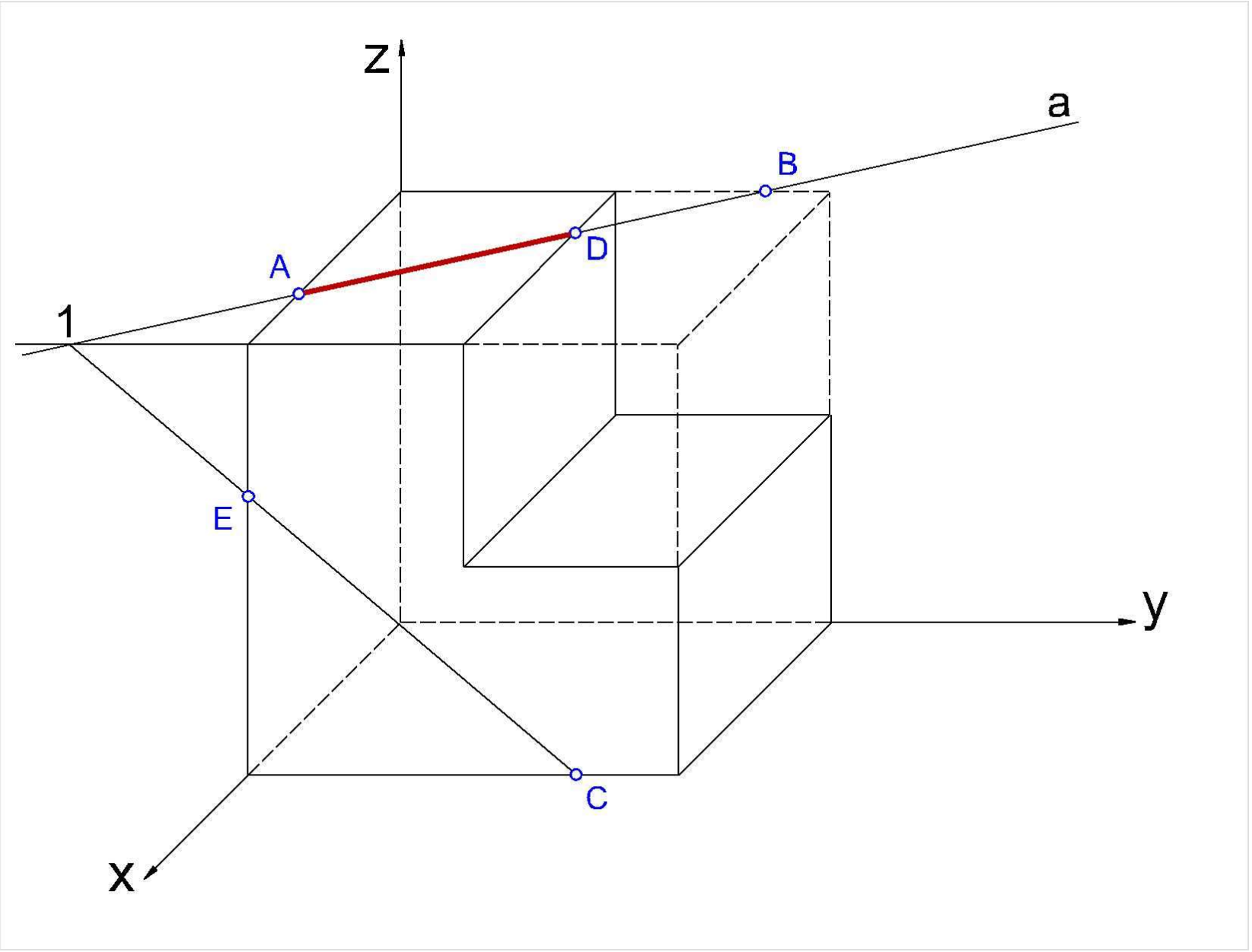
Descriptive geometry

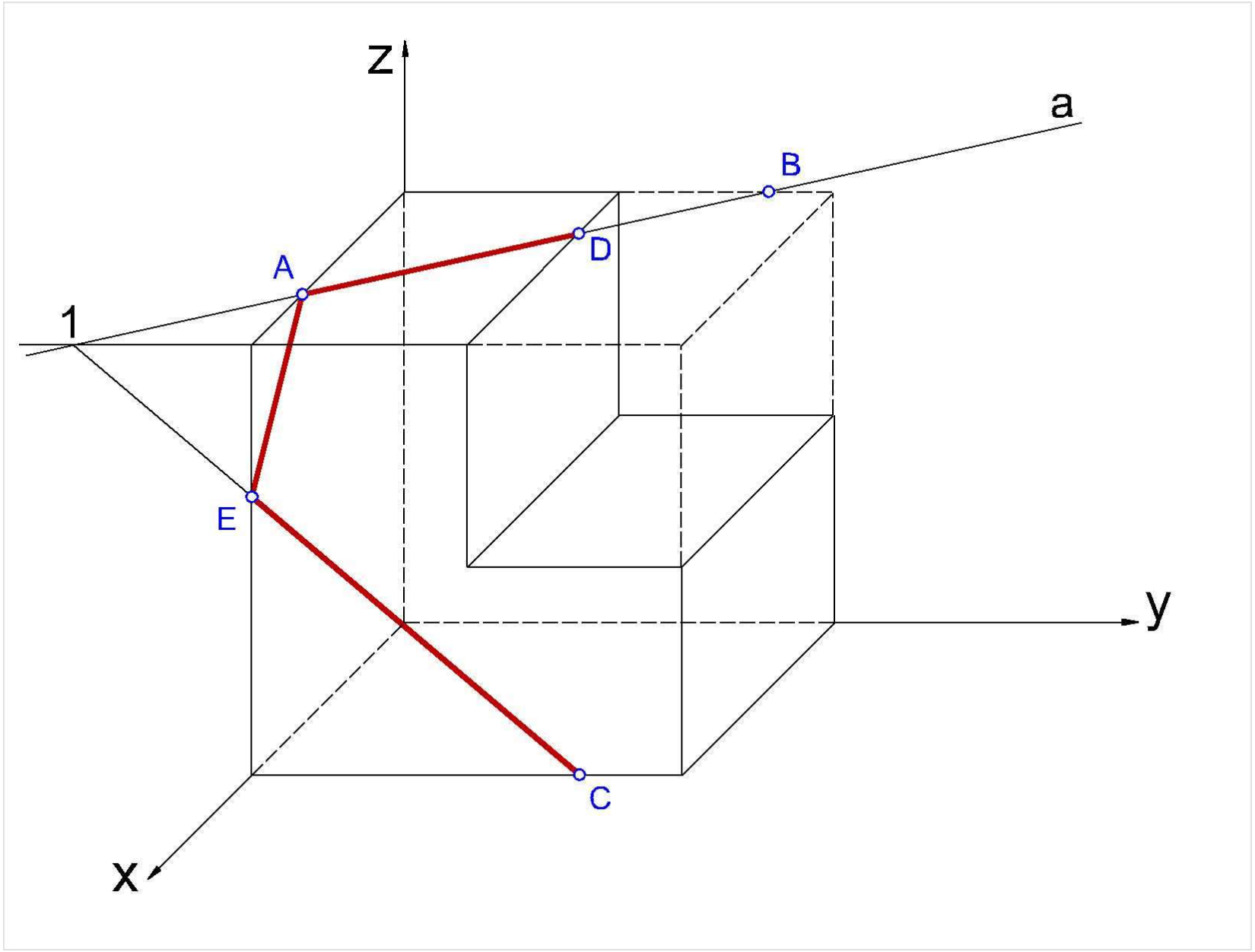
Exercise 1

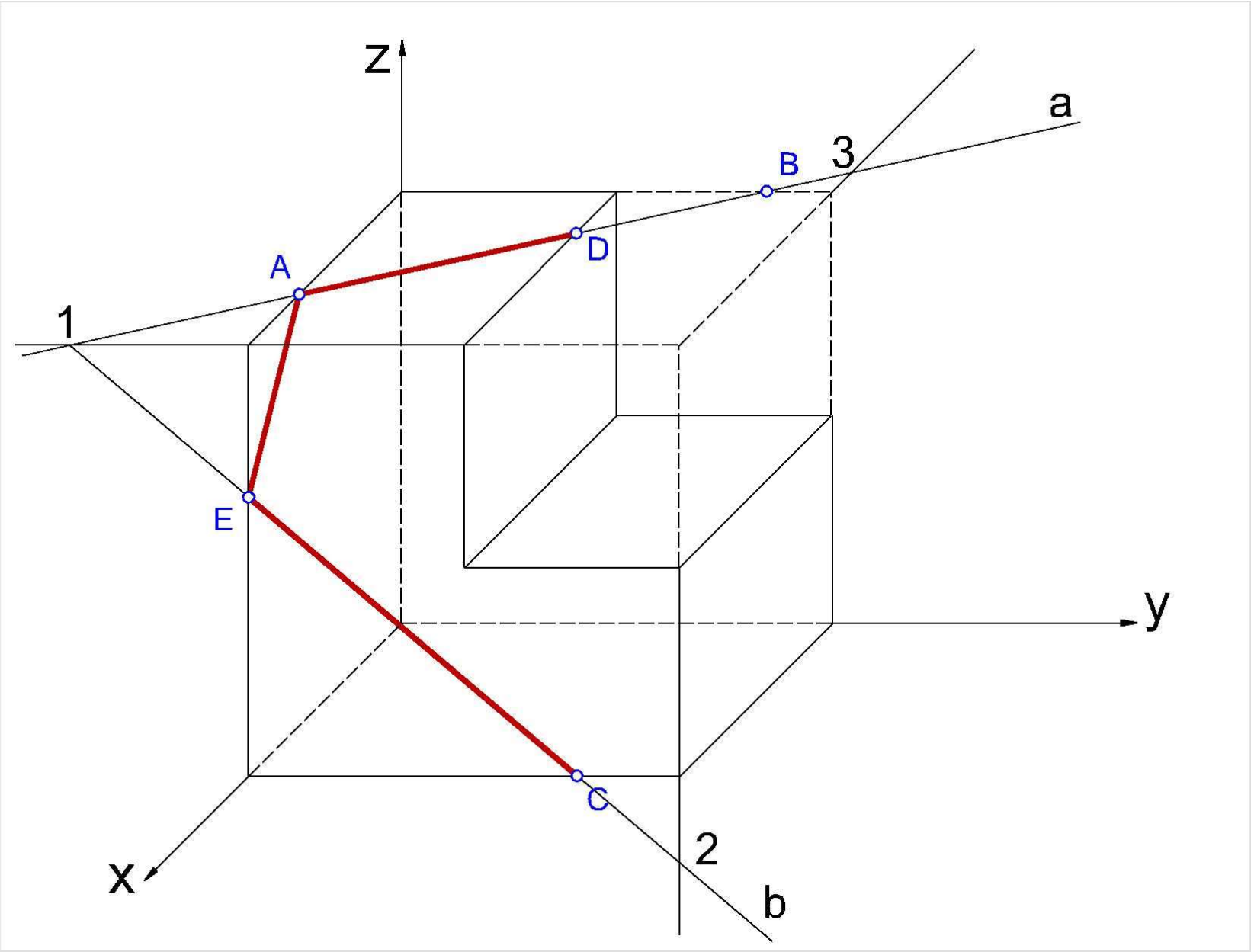
Intersection of a solid with a plane α(A, B, C)




Z
B
A
D
y
C
x


Z
a
B
D
A
1
E
y
C
x


z
a
B
D
A
1
E
y
C
x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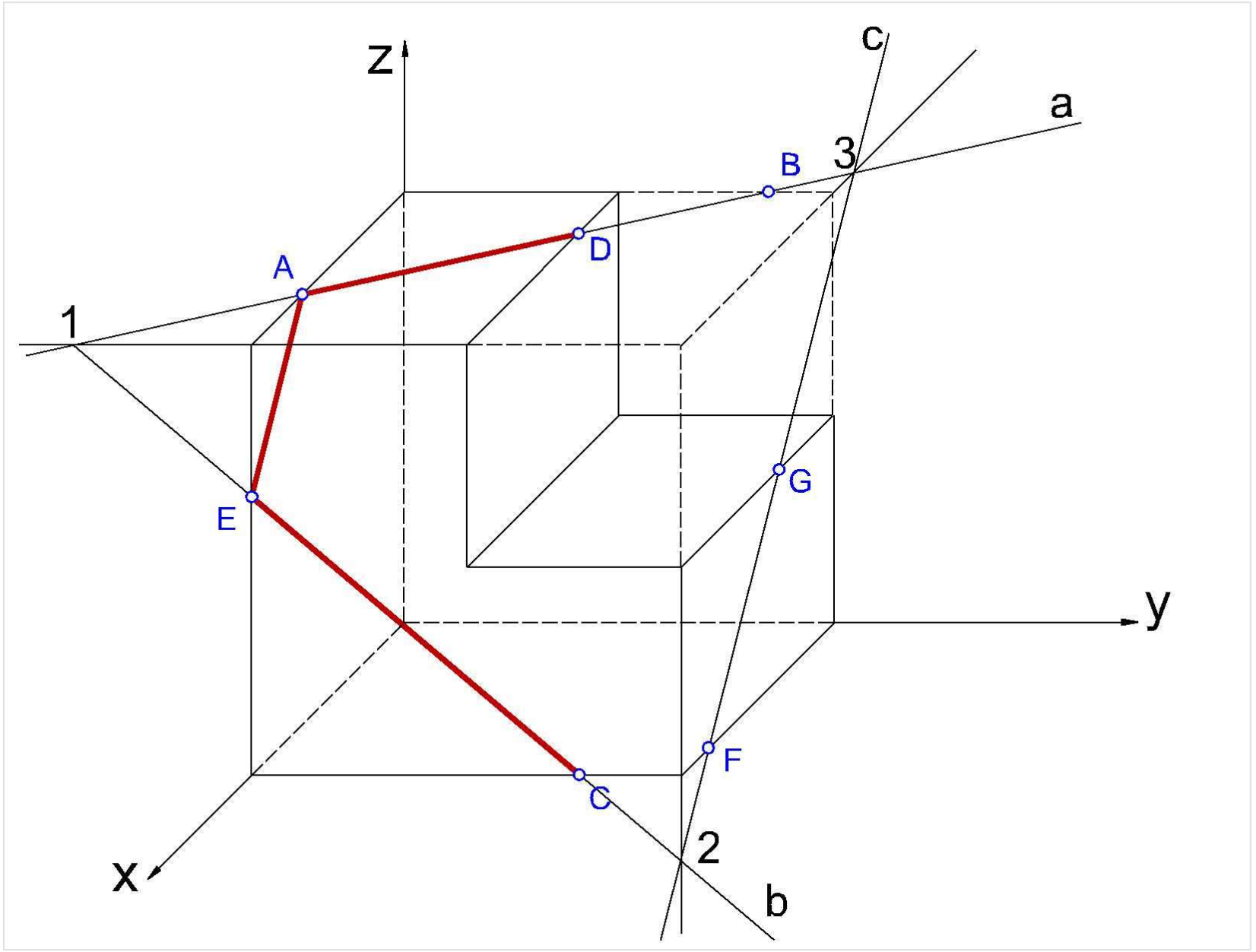
a
B
3
A
D
1
E
y
C
x
2
b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1
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G
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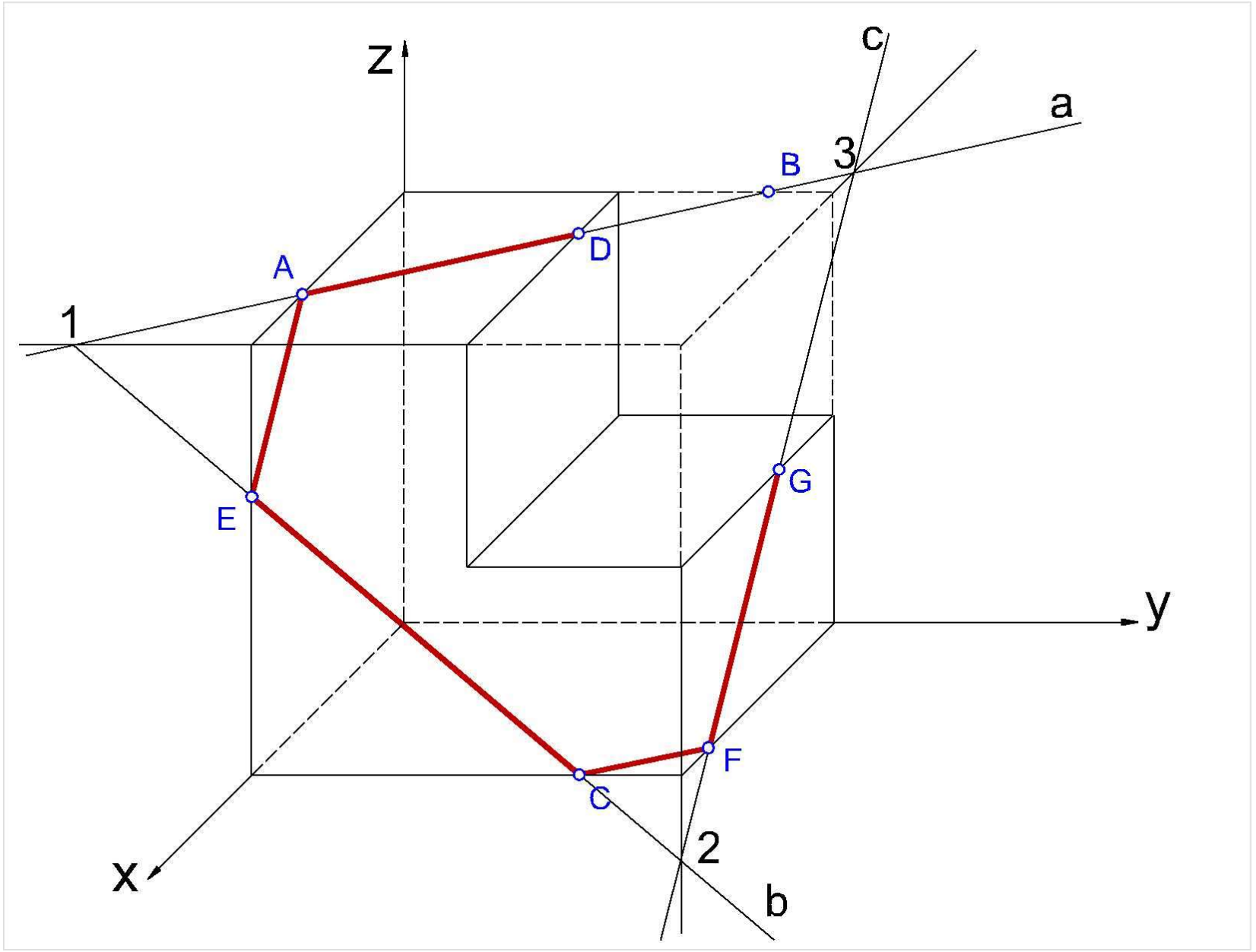
F
C
x
2
b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C
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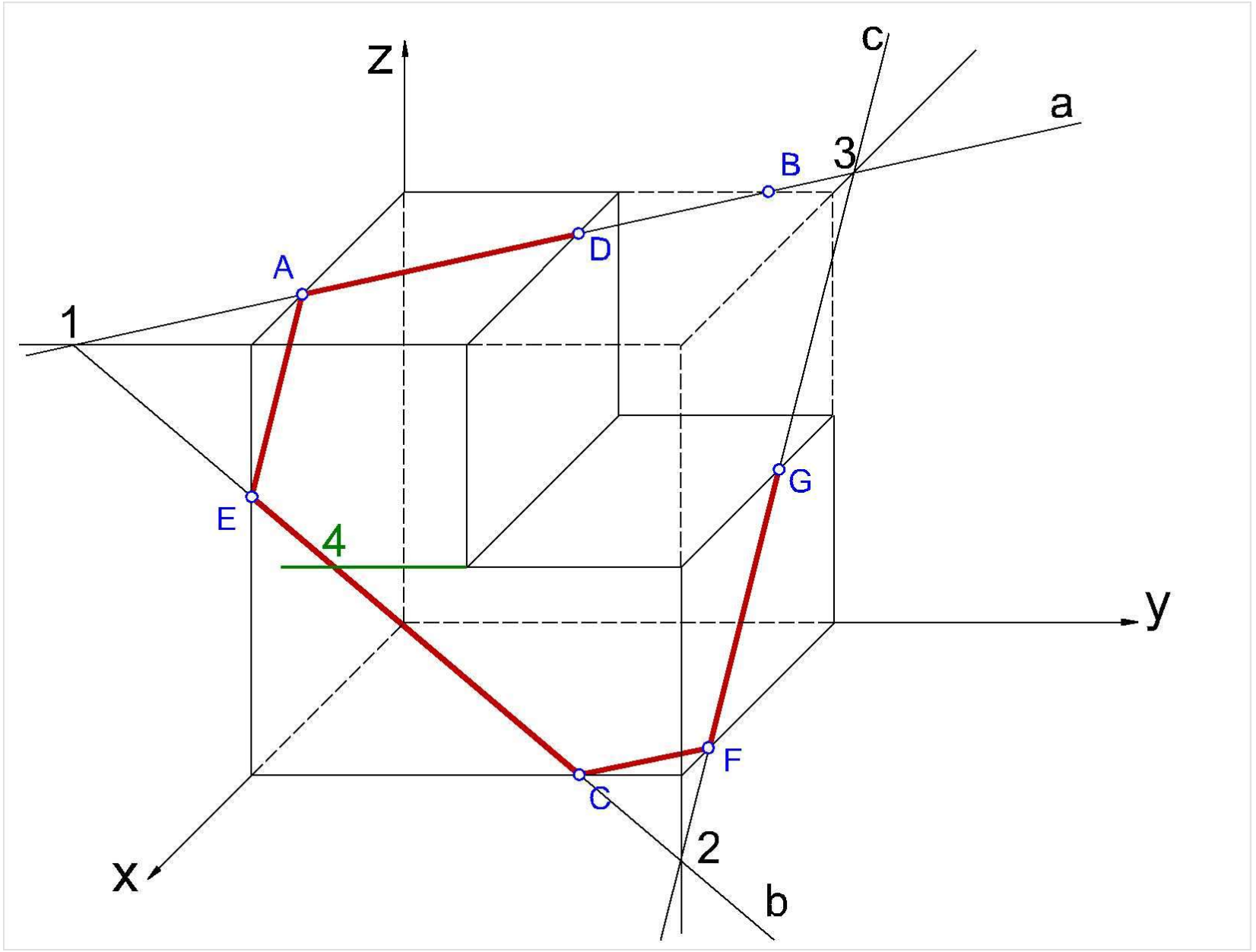
2
b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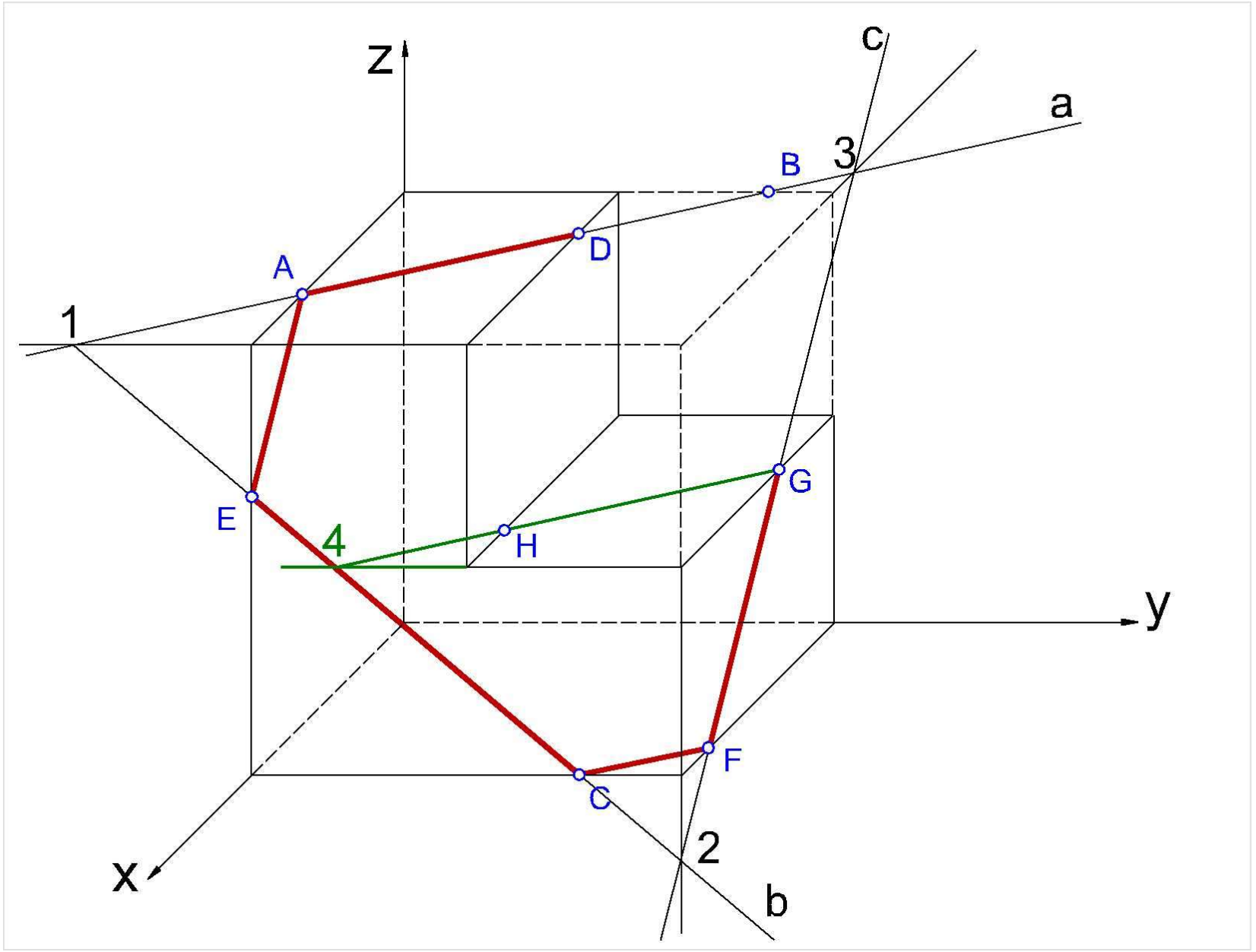
D
A
1
E
4
G
y
F
C
x
2
b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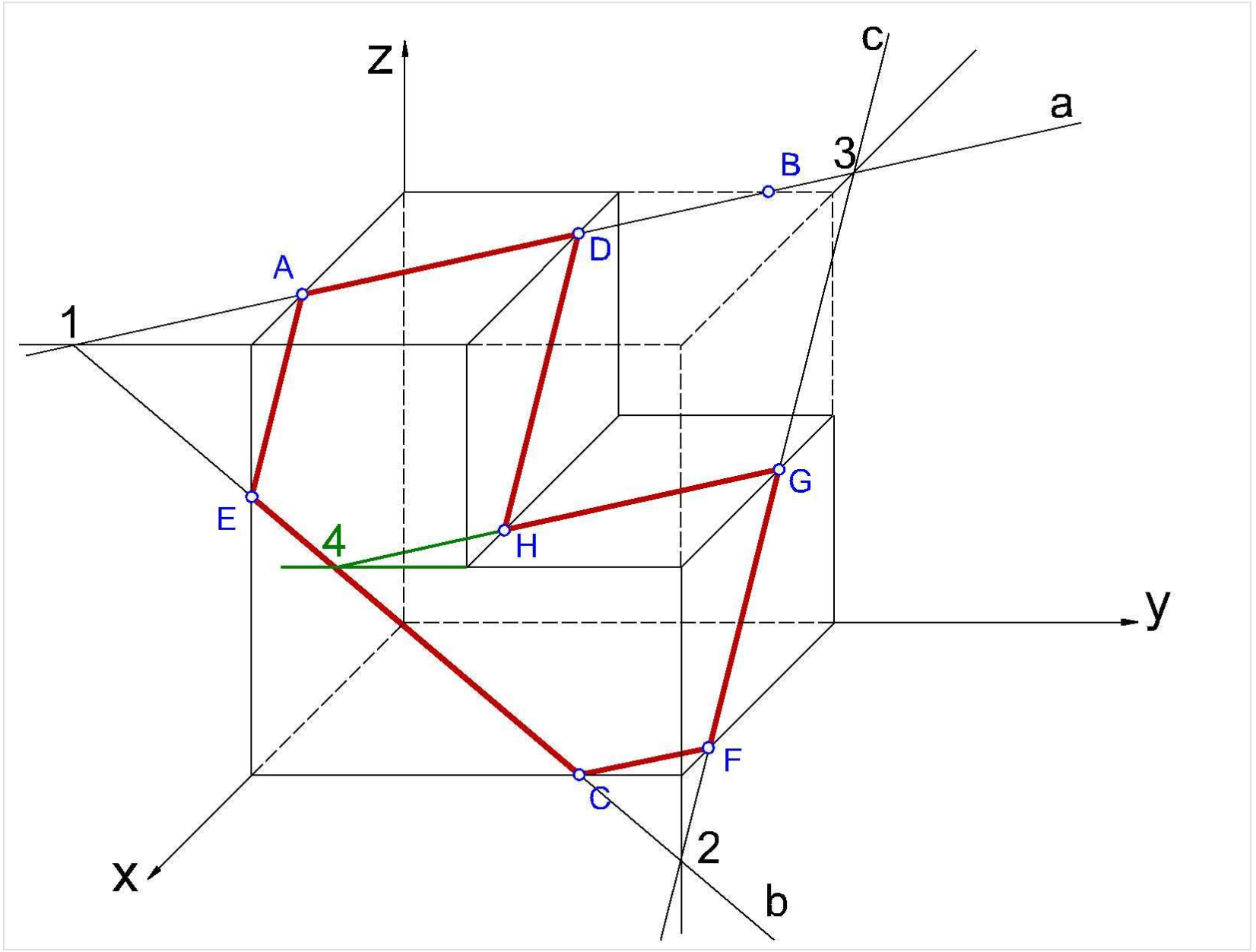
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x
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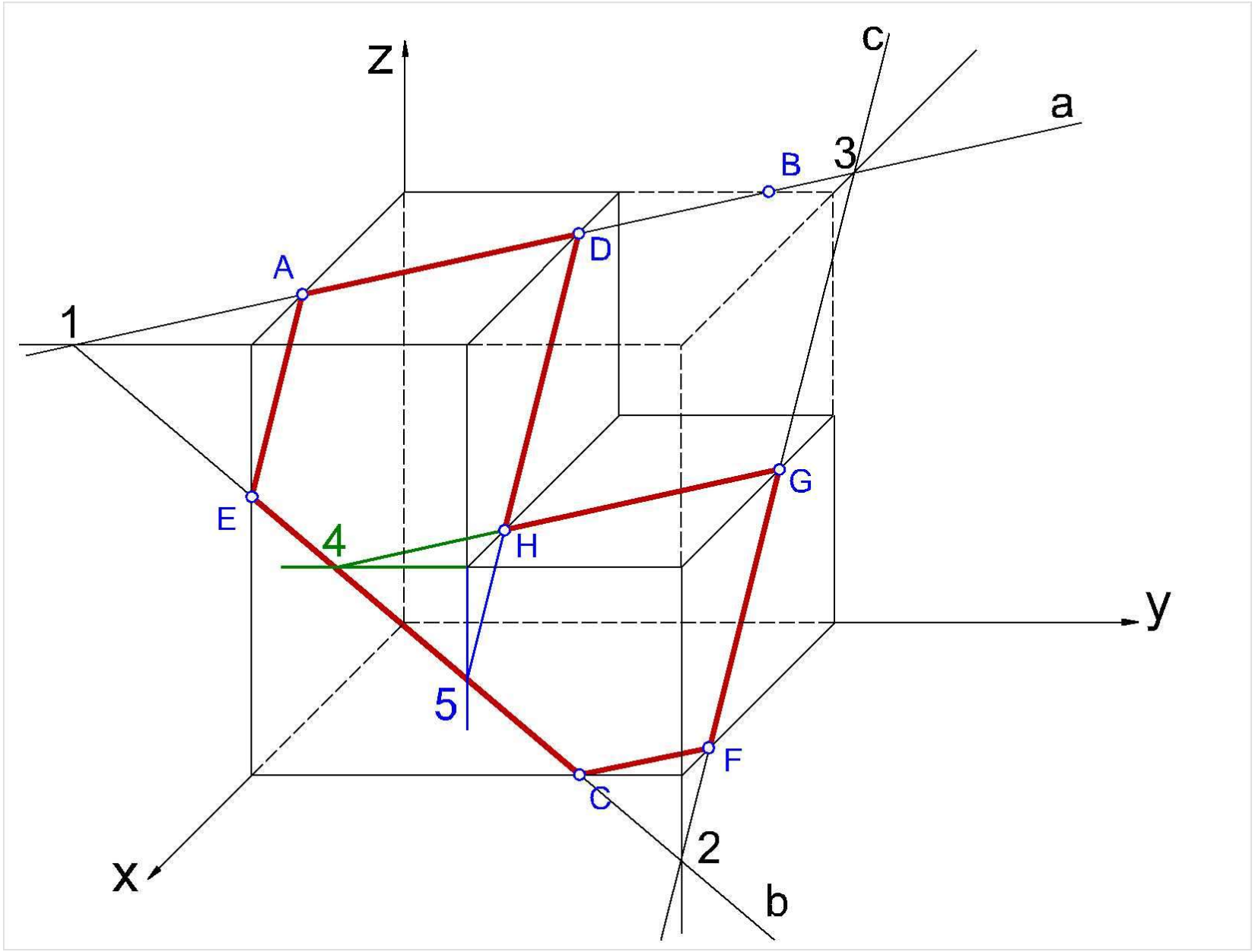
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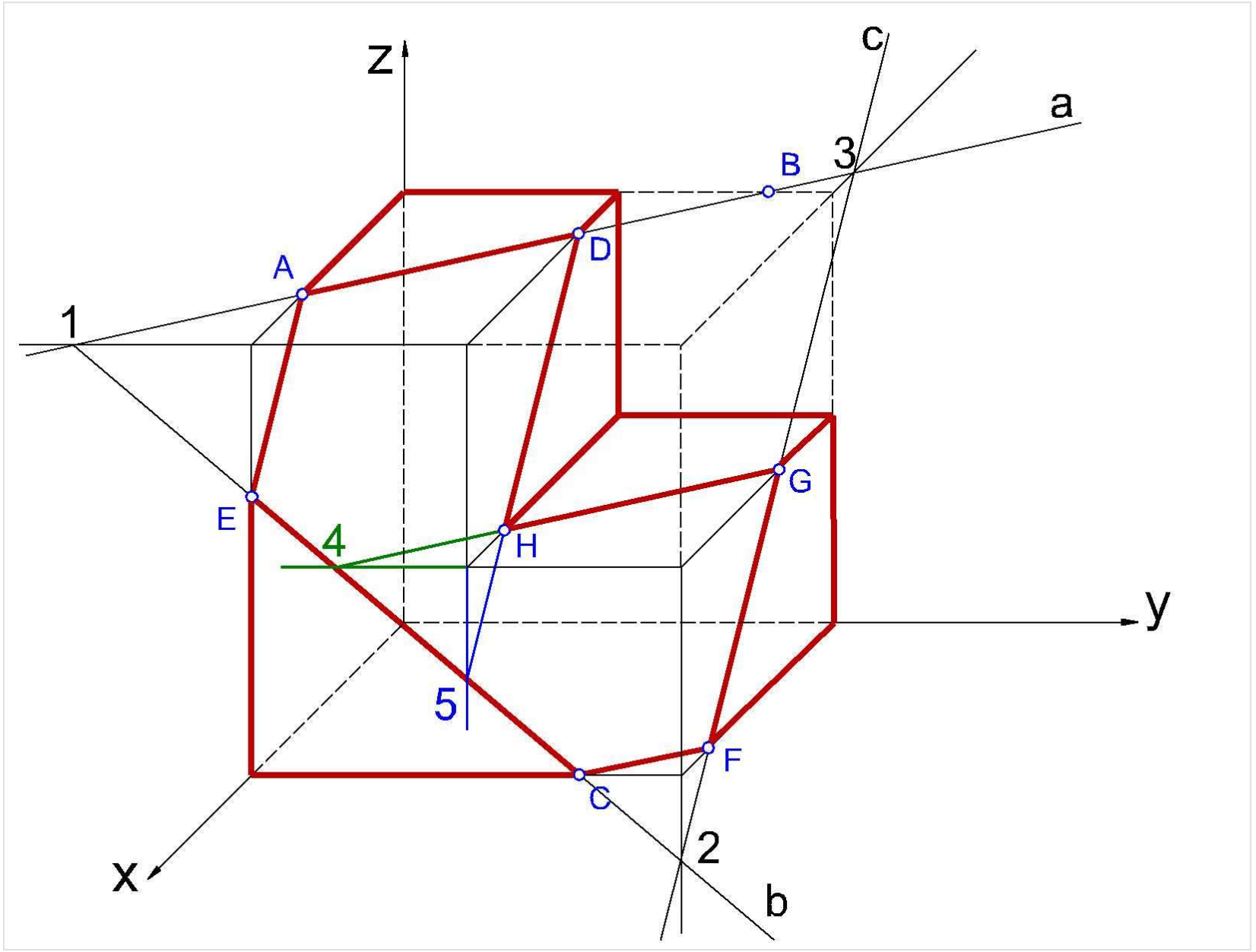
y
5
F
C
x
2
b


Z
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C
x
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b