



"La Scienza del Disegno" by Alfredo La Manna
Assonometria ortogonale isometrica di un
icosaedro

X ←

O

↓
Y

Z Tz

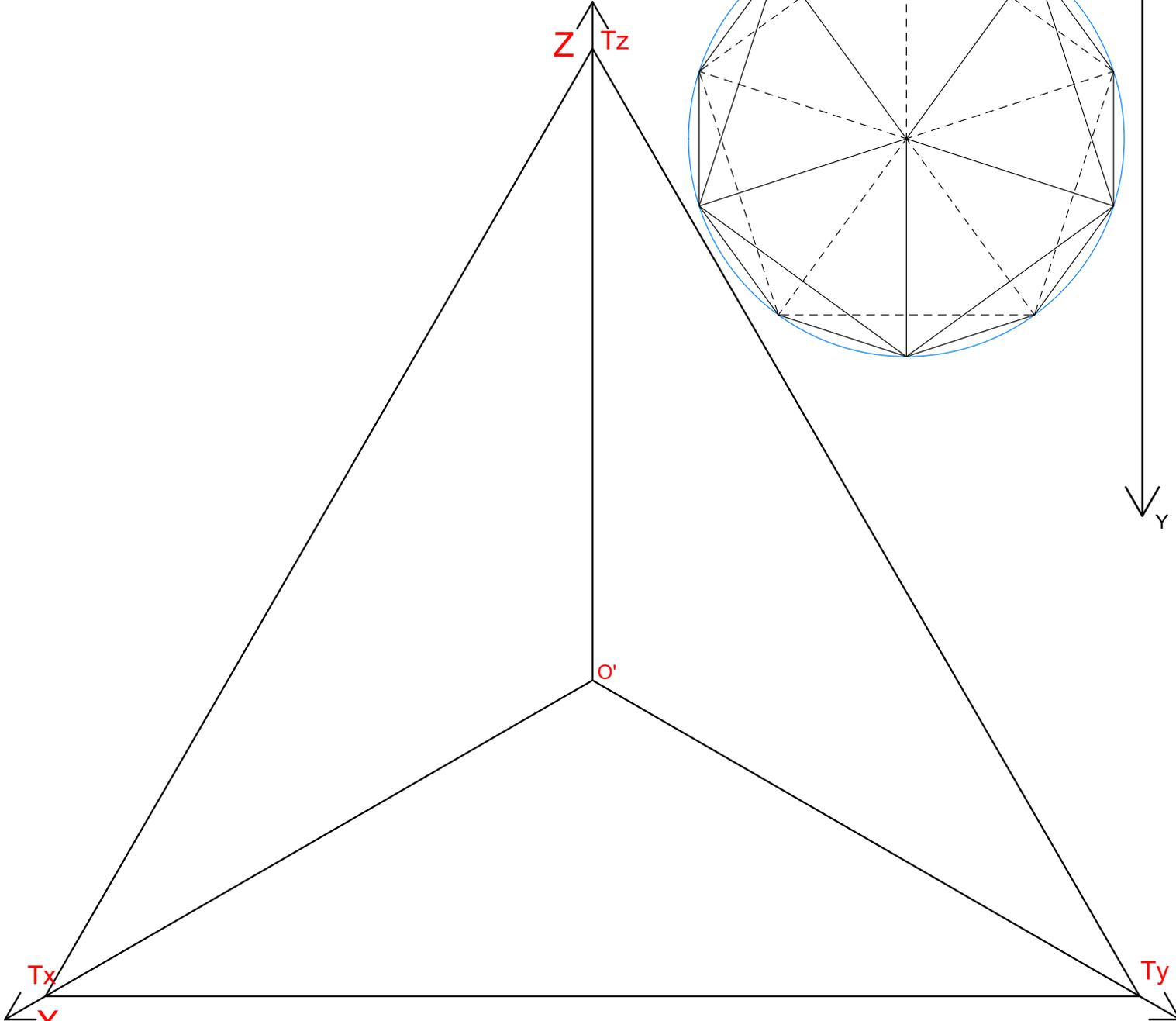
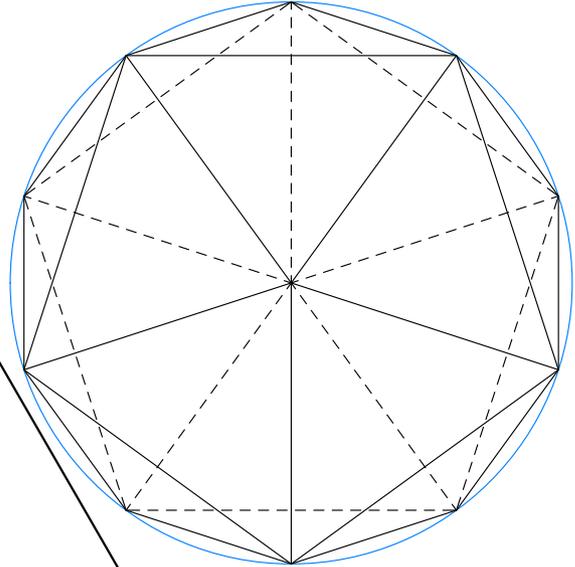
Tx

X ←

Ty

→
Y

O'



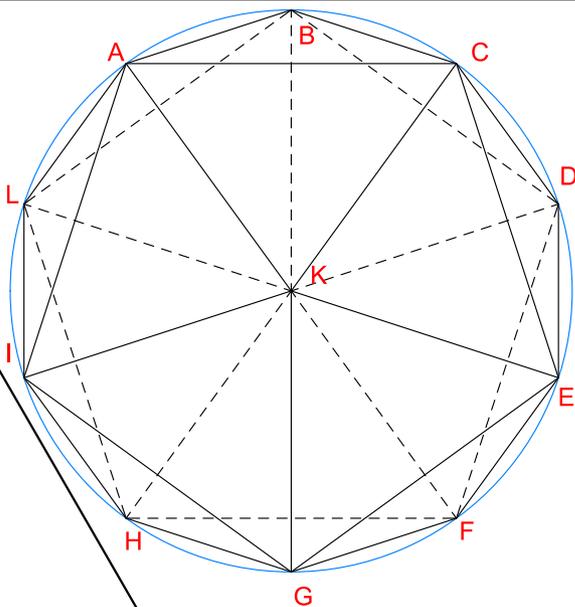


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X ←

O

Z Tz



Y ↓

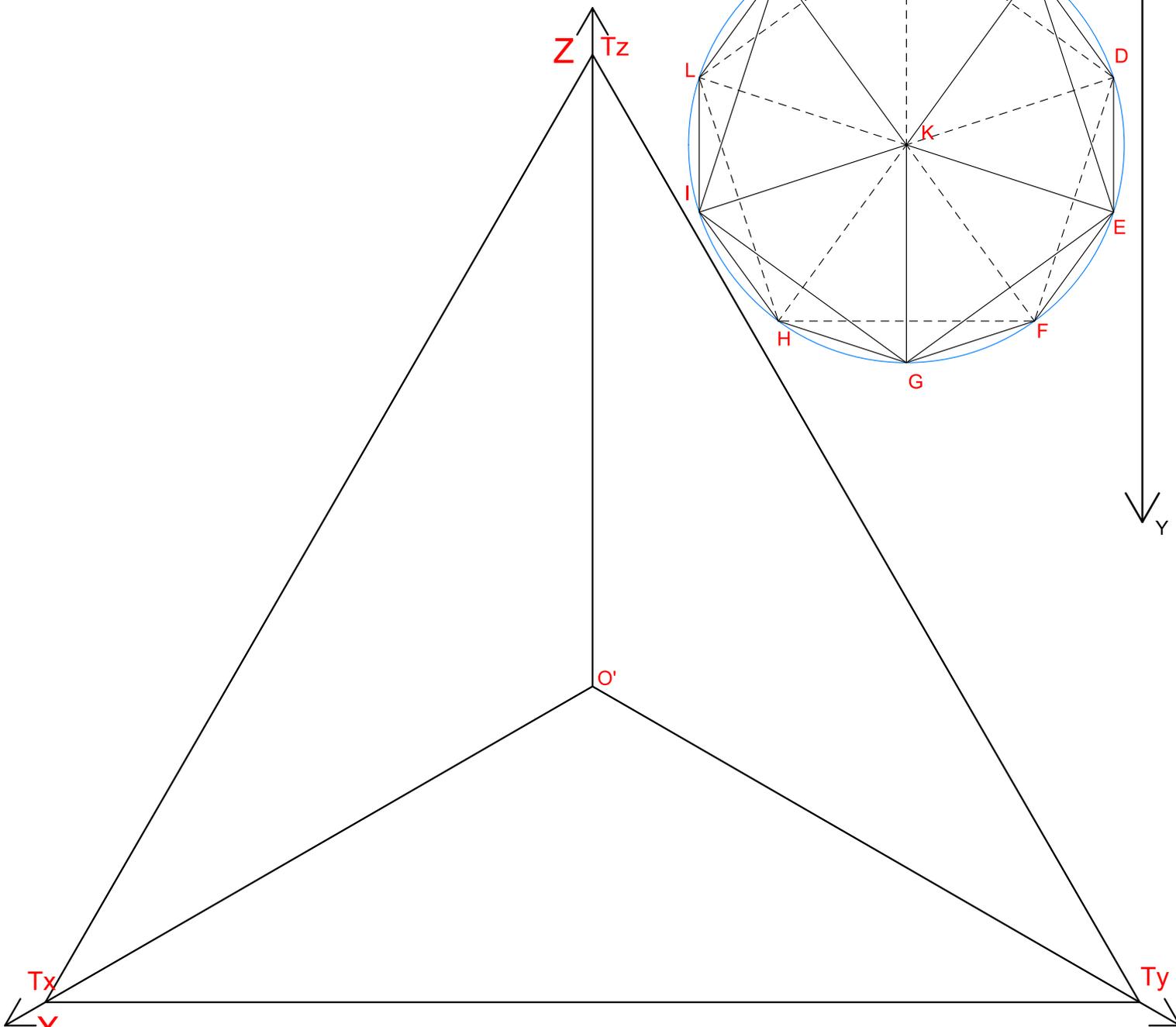
Tx

Ty

X ←

Y ↓

O'



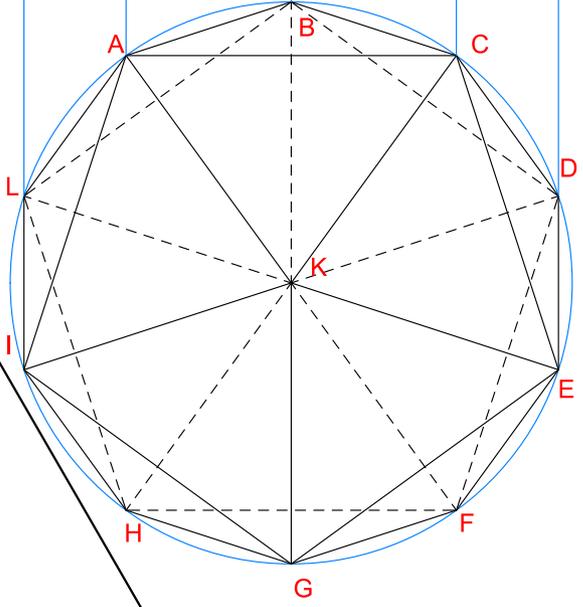


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X ←

1 2 3 4 5 O

Z Tz



Y ↓

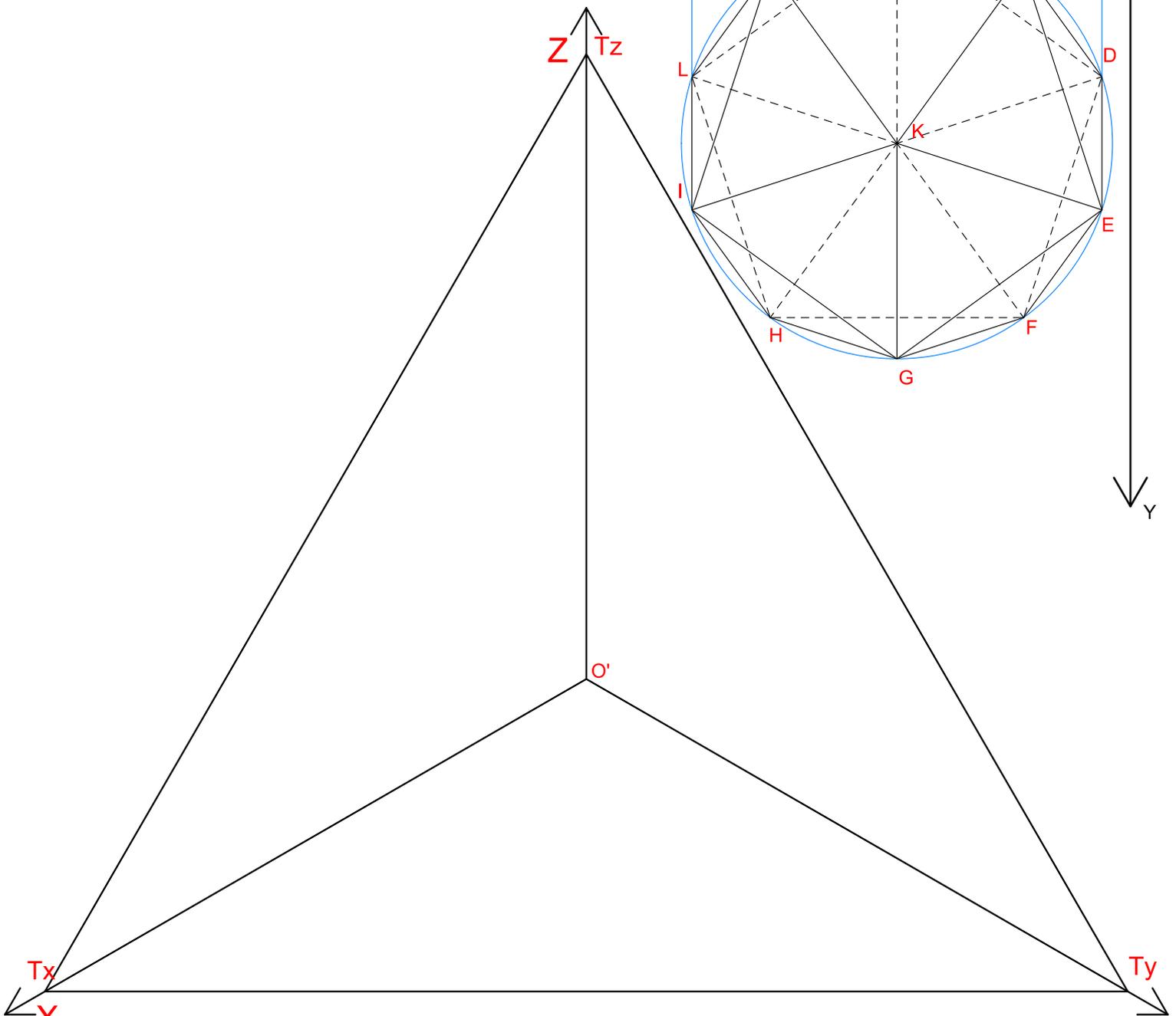
Tx

Ty

X ←

Y ↓

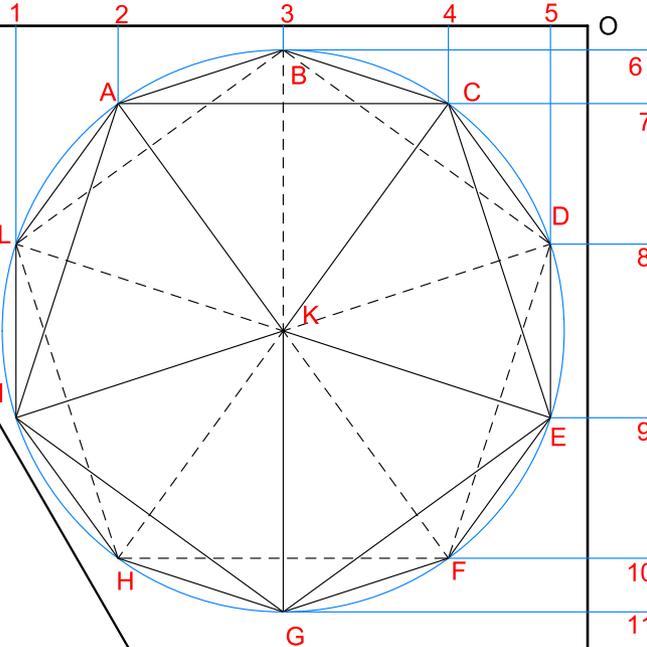
O'





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icosaedro

X ←



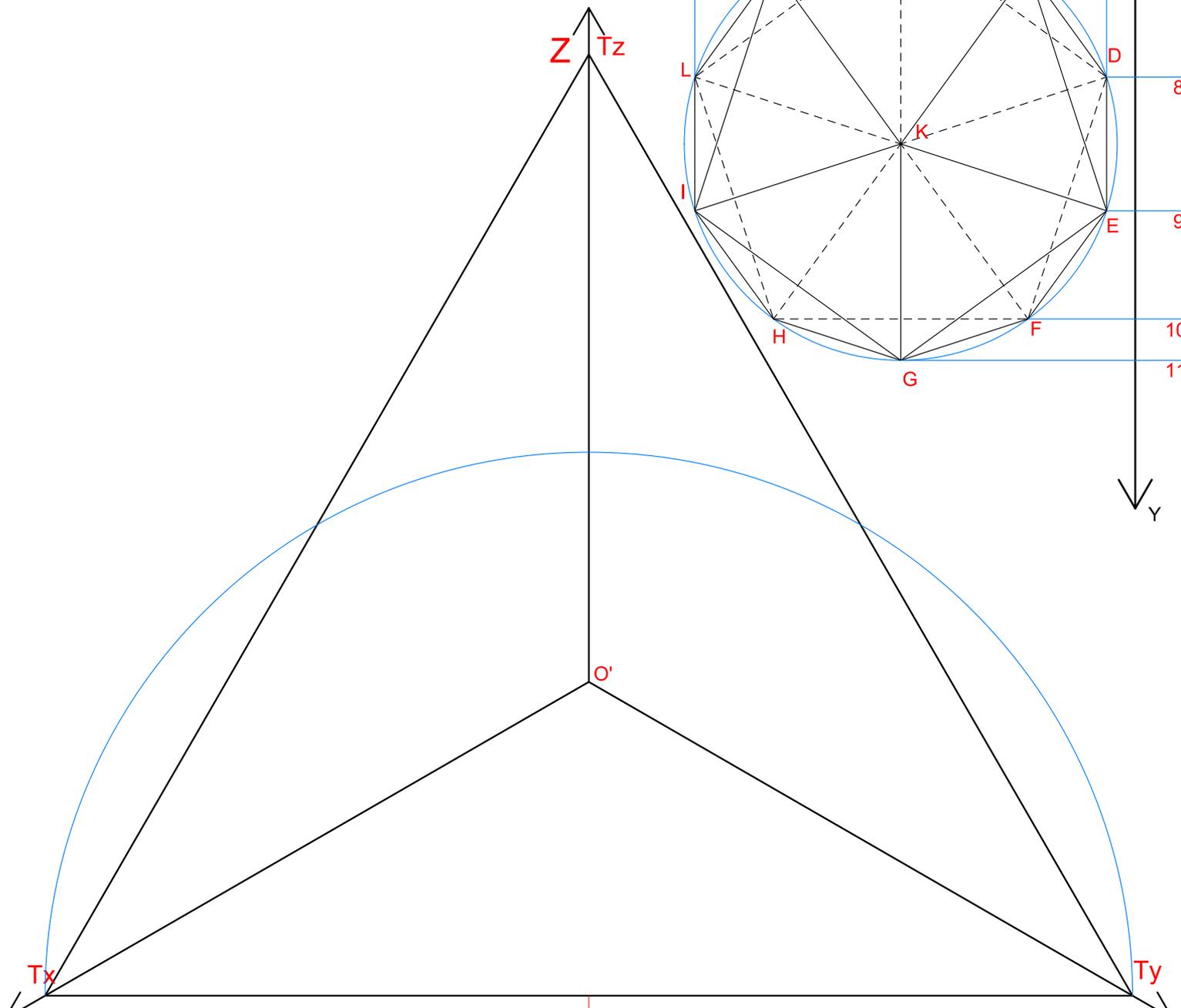
Z Tz

Tx
X ←

Ty
Y →

O'

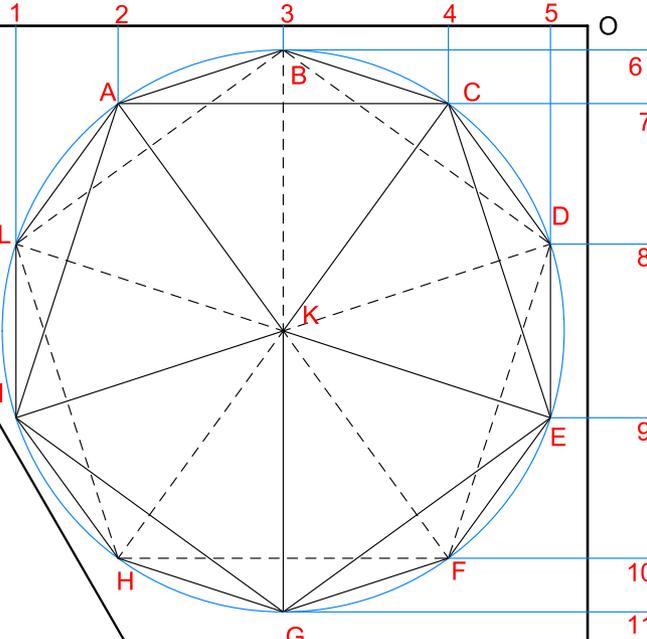
M1=punto medio di Tx-Ty





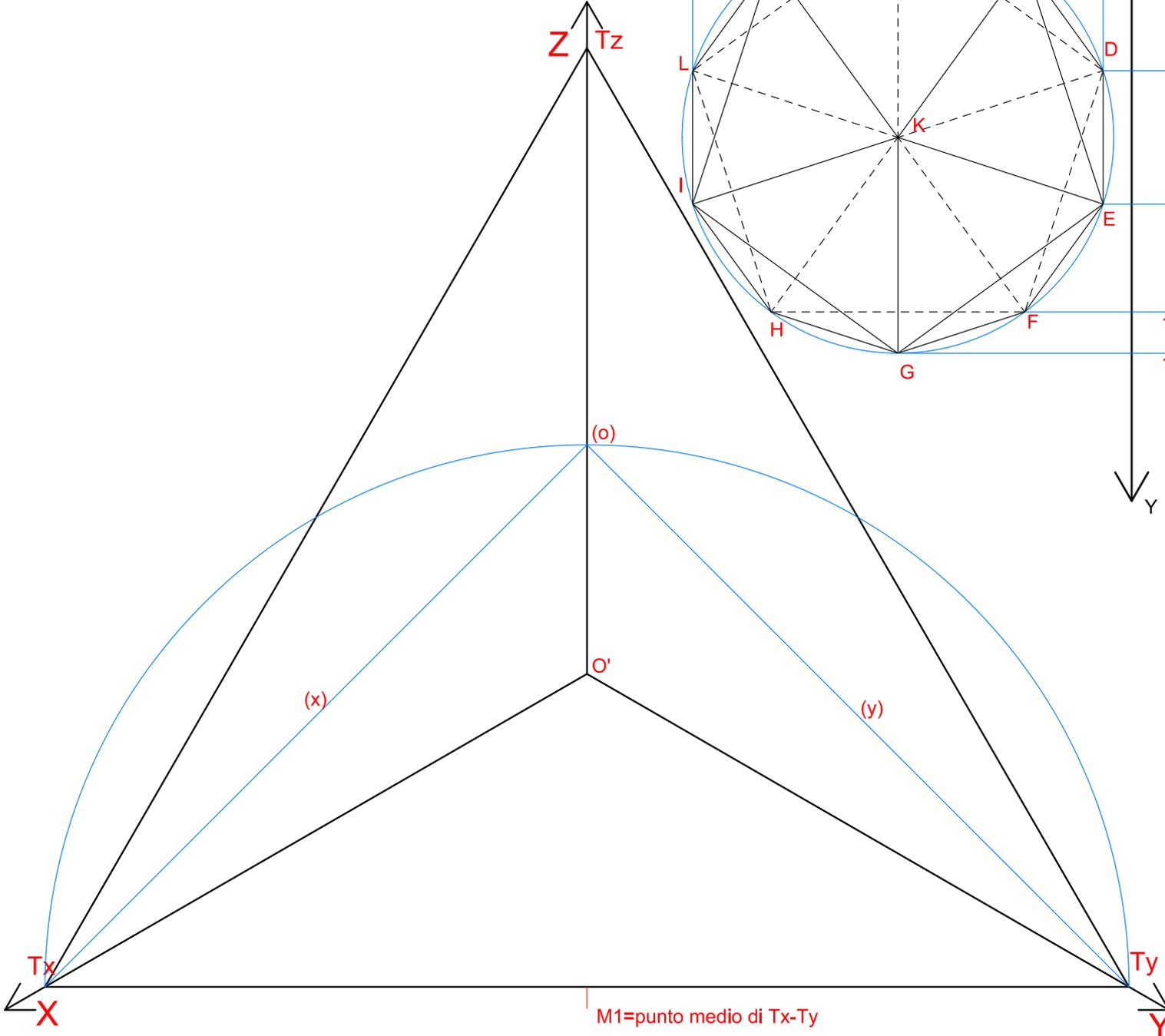
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icosaedro

X ←



Z Tz

Y ↓



Tx

Ty

X ←

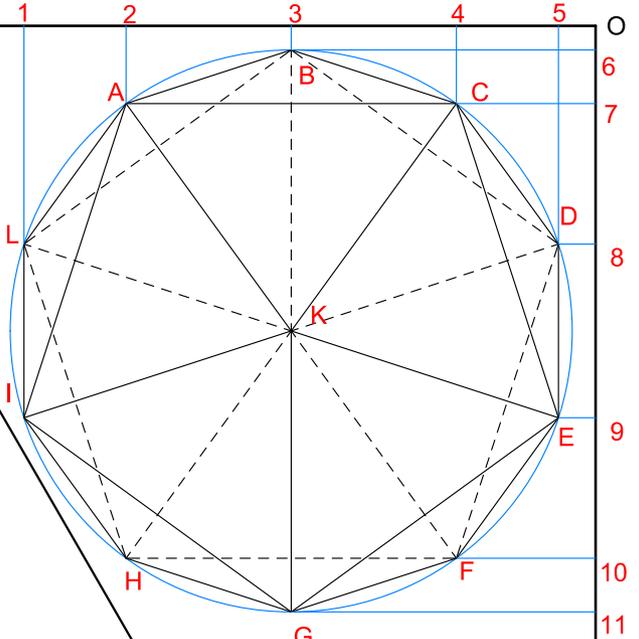
Y ↓

M1=punto medio di Tx-Ty



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X ←



Z Tz

L

A

B

C

D

8

I

K

9

H

F

10

G

11

Y ↓

(o)

5

4

3

2

1

(x)

(y)

Tx

X ←

Ty

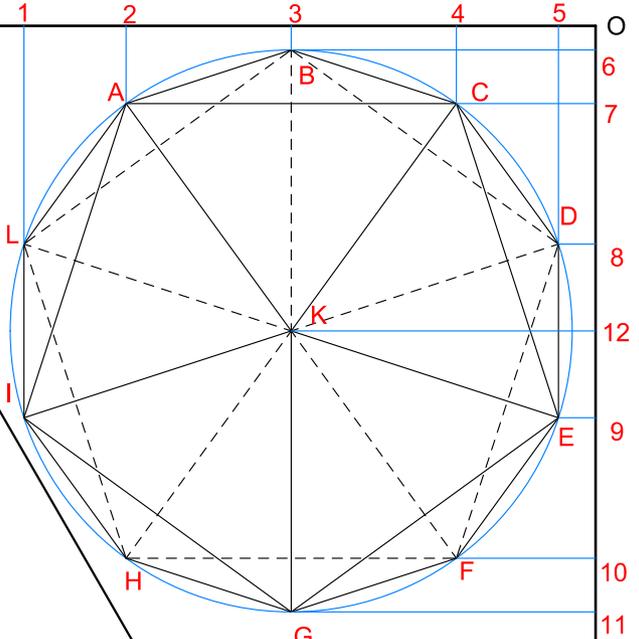
Y ↓

M1=punto medio di Tx-Ty



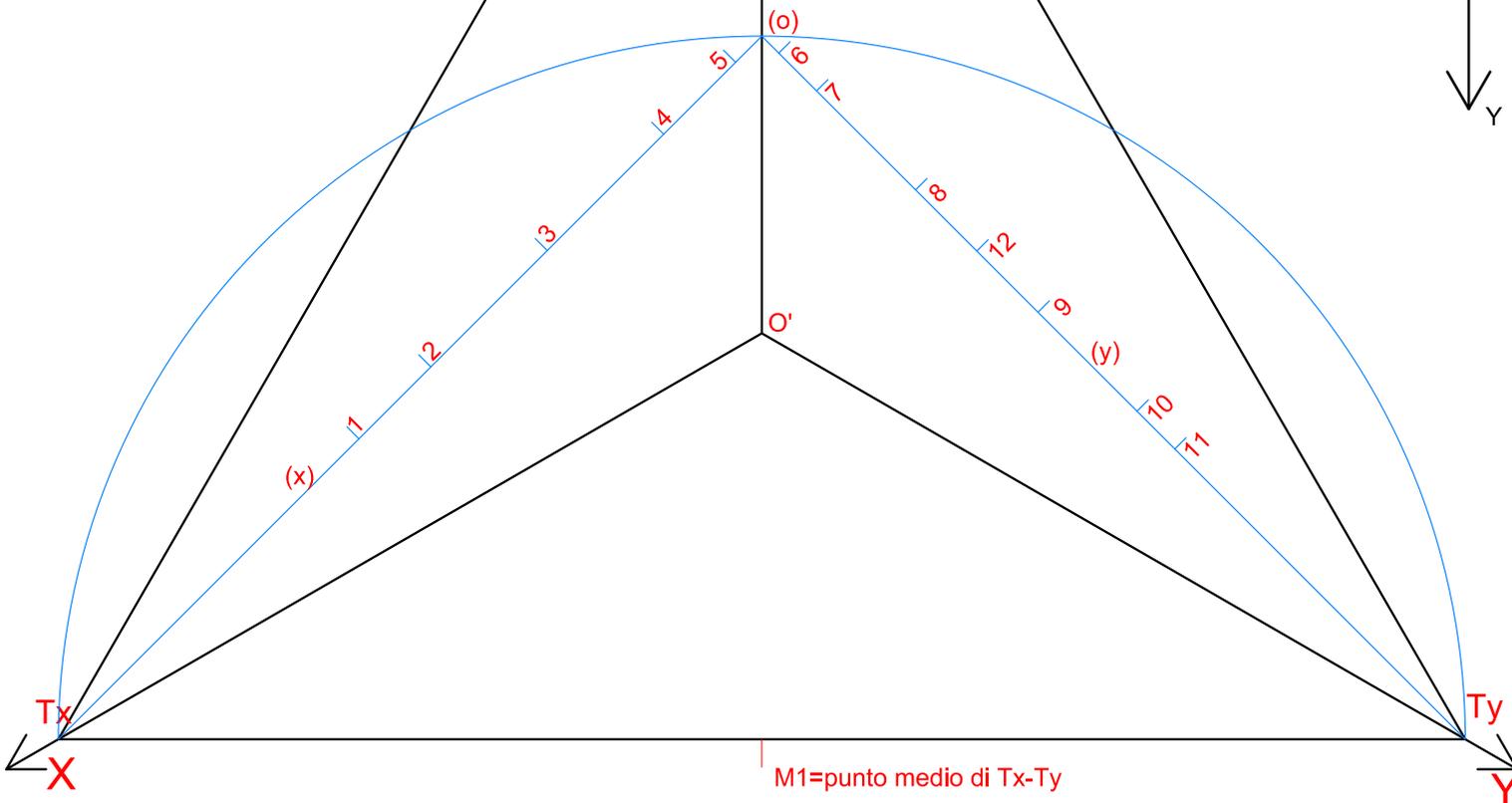
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icosaedro

X ←



O
6
7
8
12
9
10
11
Y ↓

Z ↑
Tz



Tx
X ←

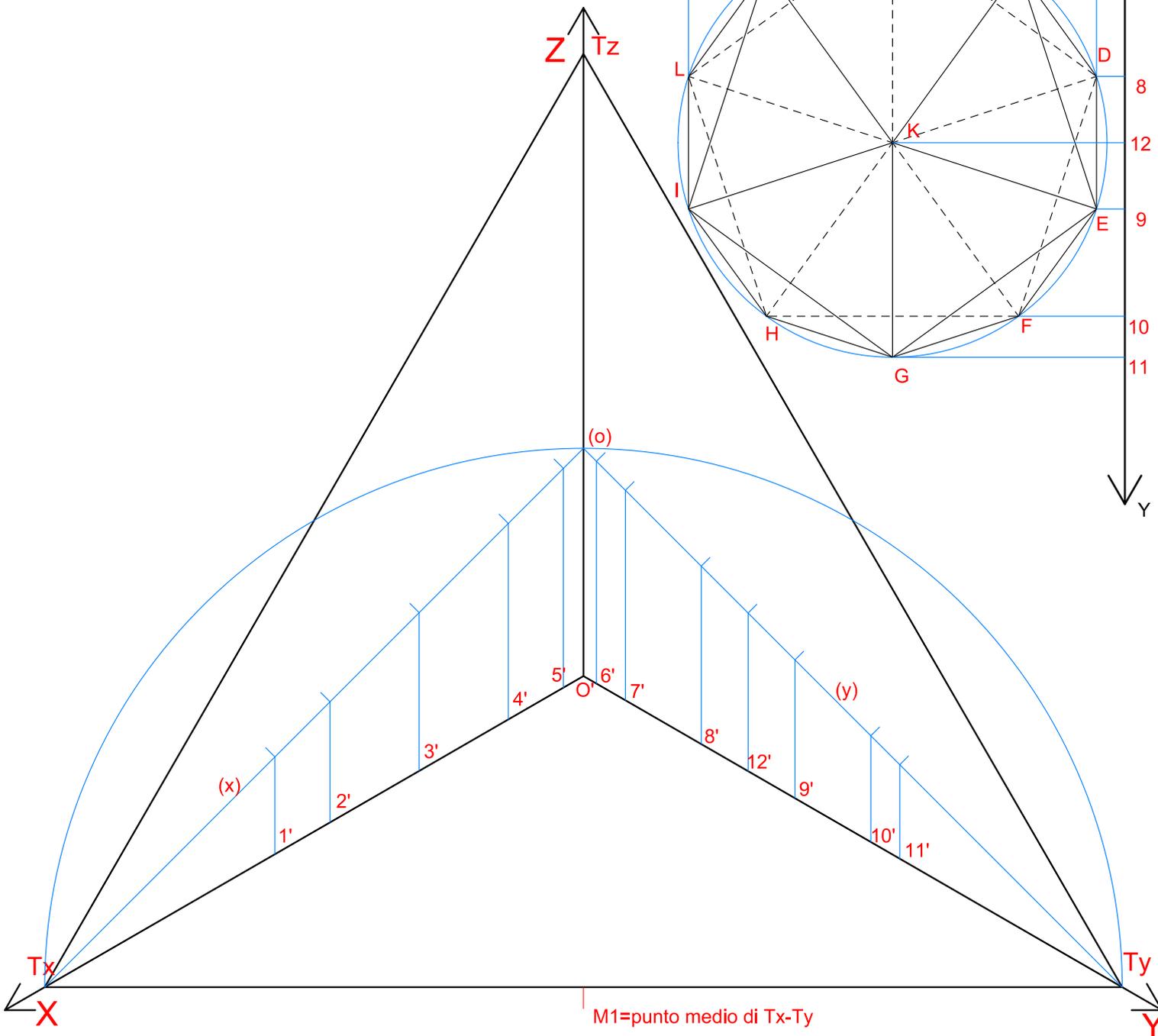
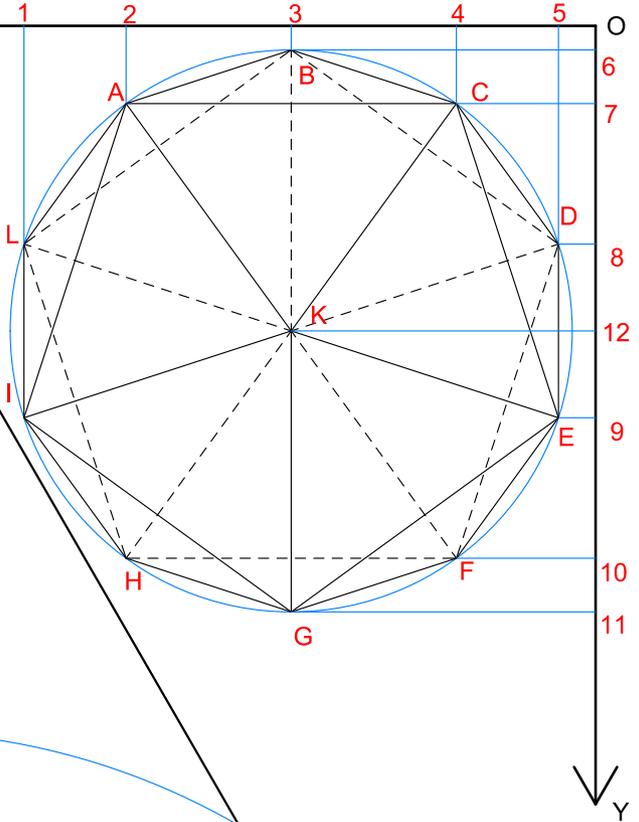
Ty
Y ↓

M1=punto medio di Tx-Ty



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icosaedro

X ←

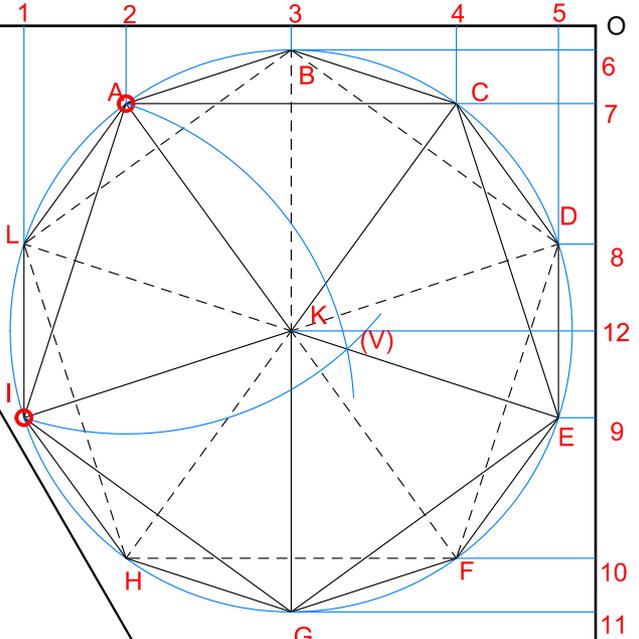


M1=punto medio di Tx-Ty

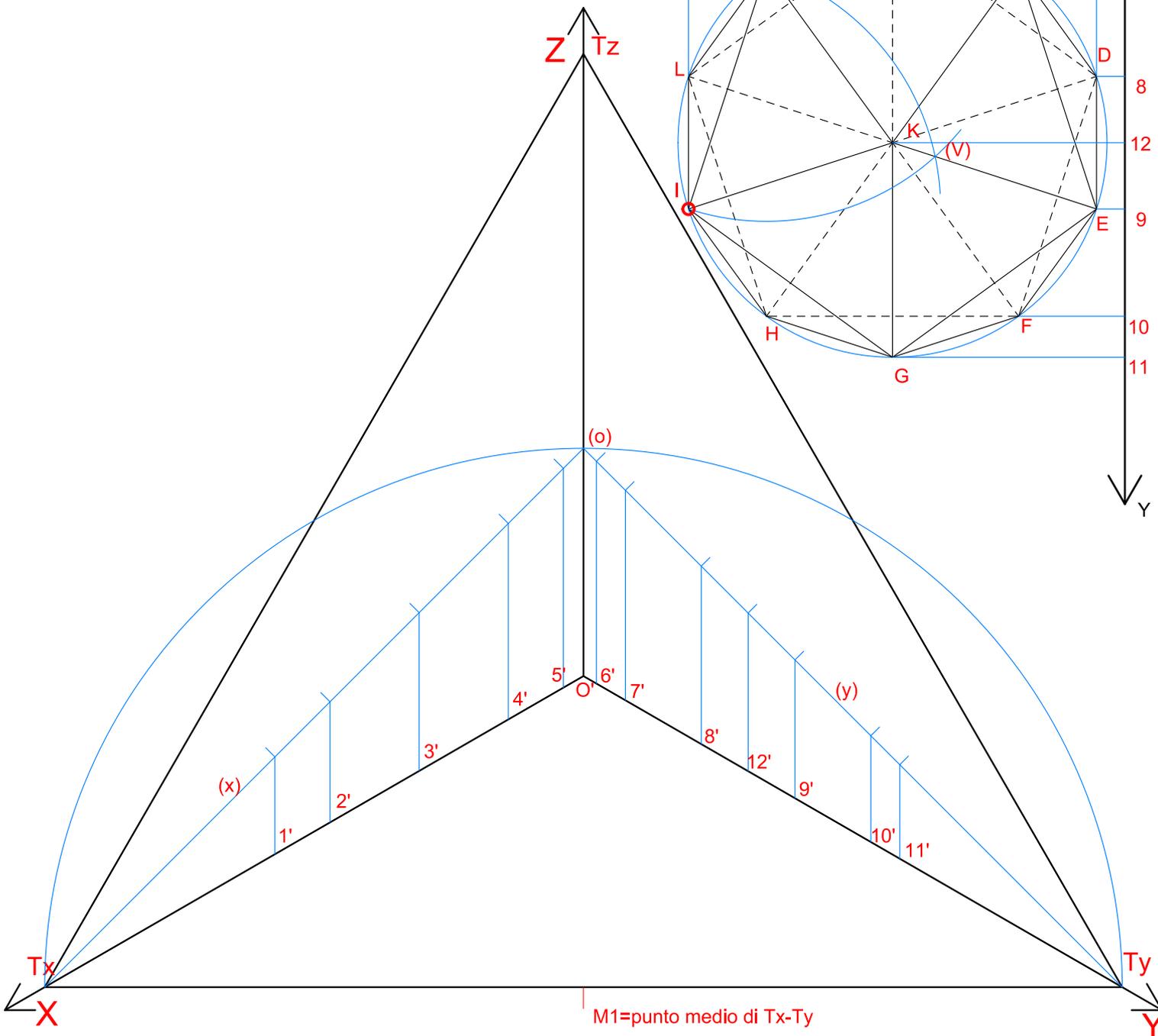


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icosaedro

X ←



↓ Y

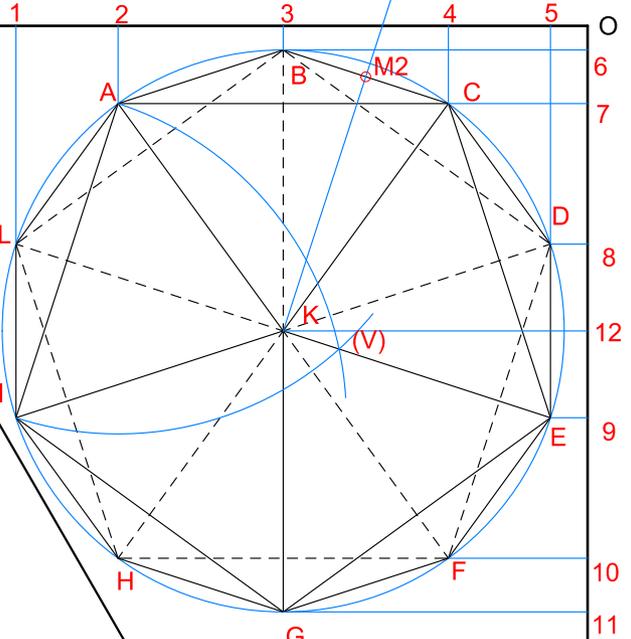


M1=punto medio di Tx-Ty



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icosaedro

X ←



↓ Y

Z Tz

(o)

Tx

Ty

X ←

↓ Y

(x)

(y)

1'

2'

3'

4'

5'

O

6'

7'

8'

12'

9'

10'

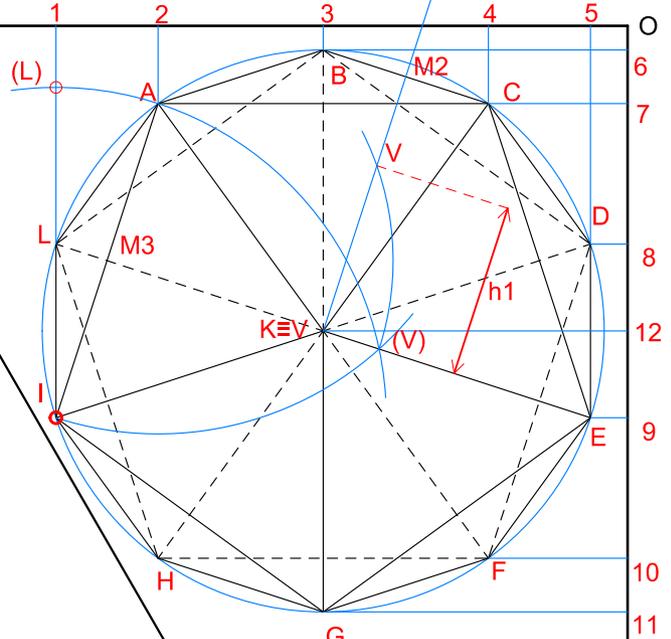
11'

M1=punto medio di Tx-Ty

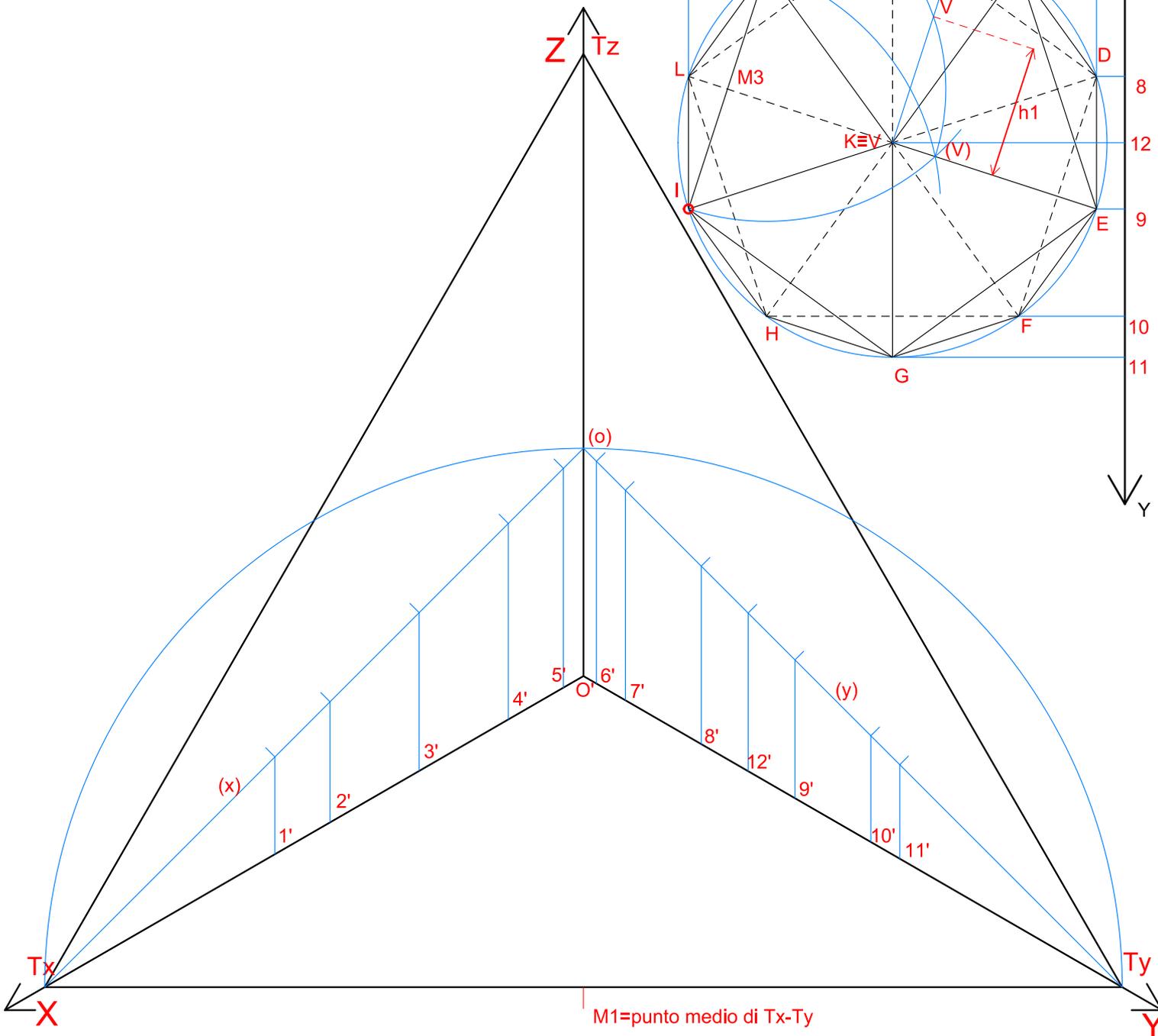


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icosaedro

X ←



↓ Y



Tx

X

Ty

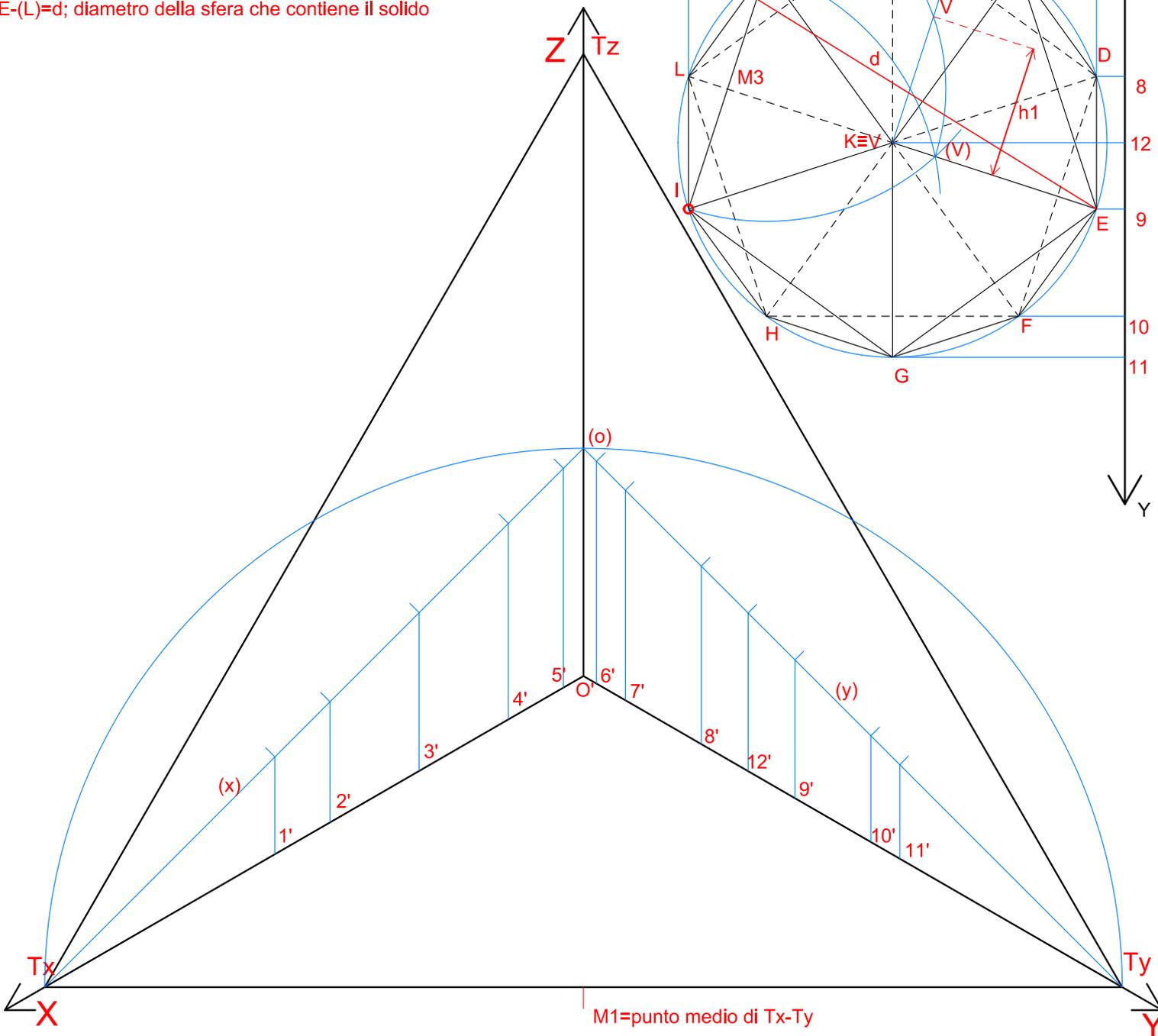
Y

M1=punto medio di Tx-Ty



X ←

E-(L)=d; diametro della sfera che contiene il solido



0
6
7
8
12
9
10
11
Y ↓

Tx
X ←

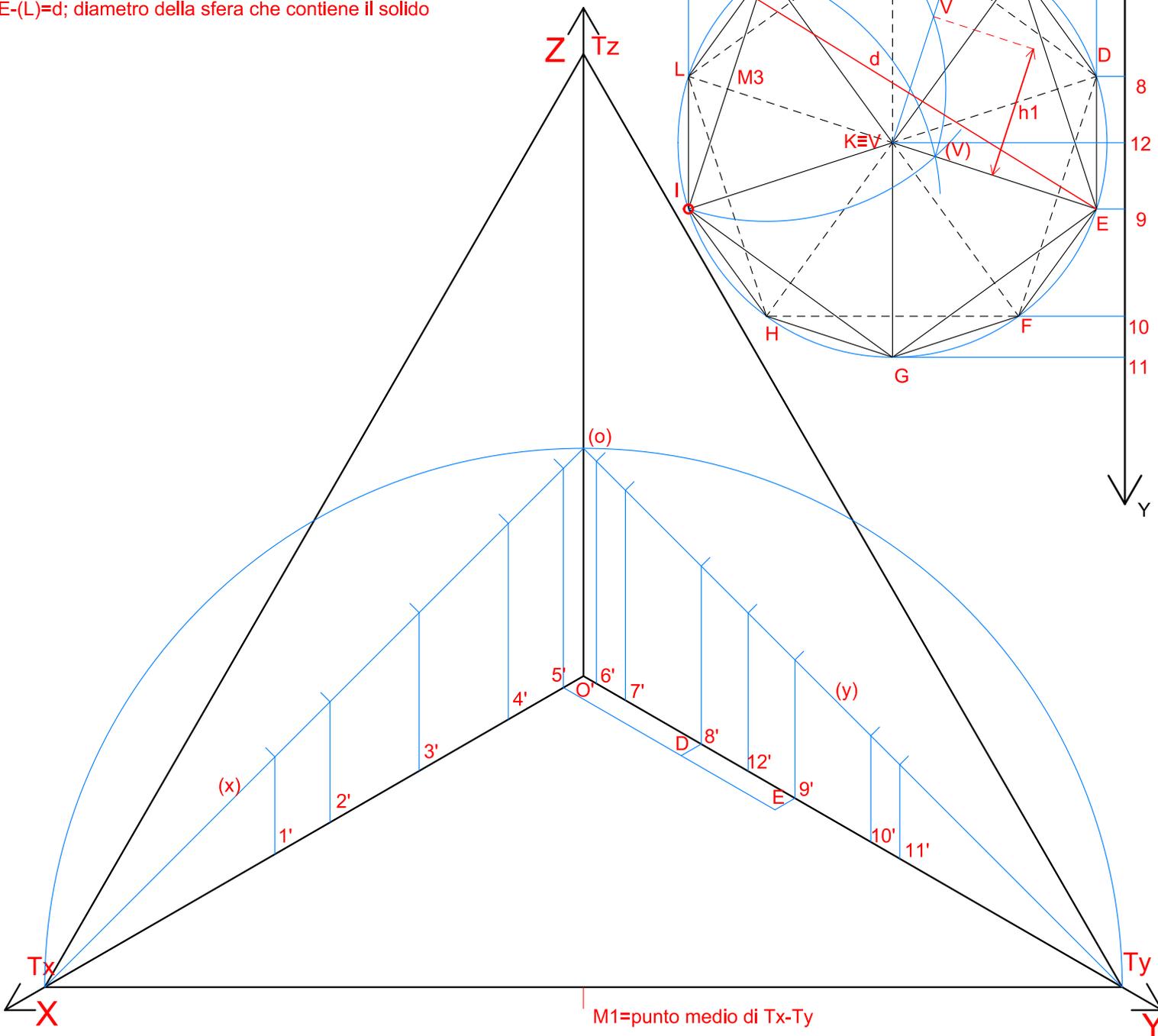
Ty
Y ↓

M1=punto medio di Tx-Ty



X ←

E-(L)=d; diametro della sfera che contiene il solido



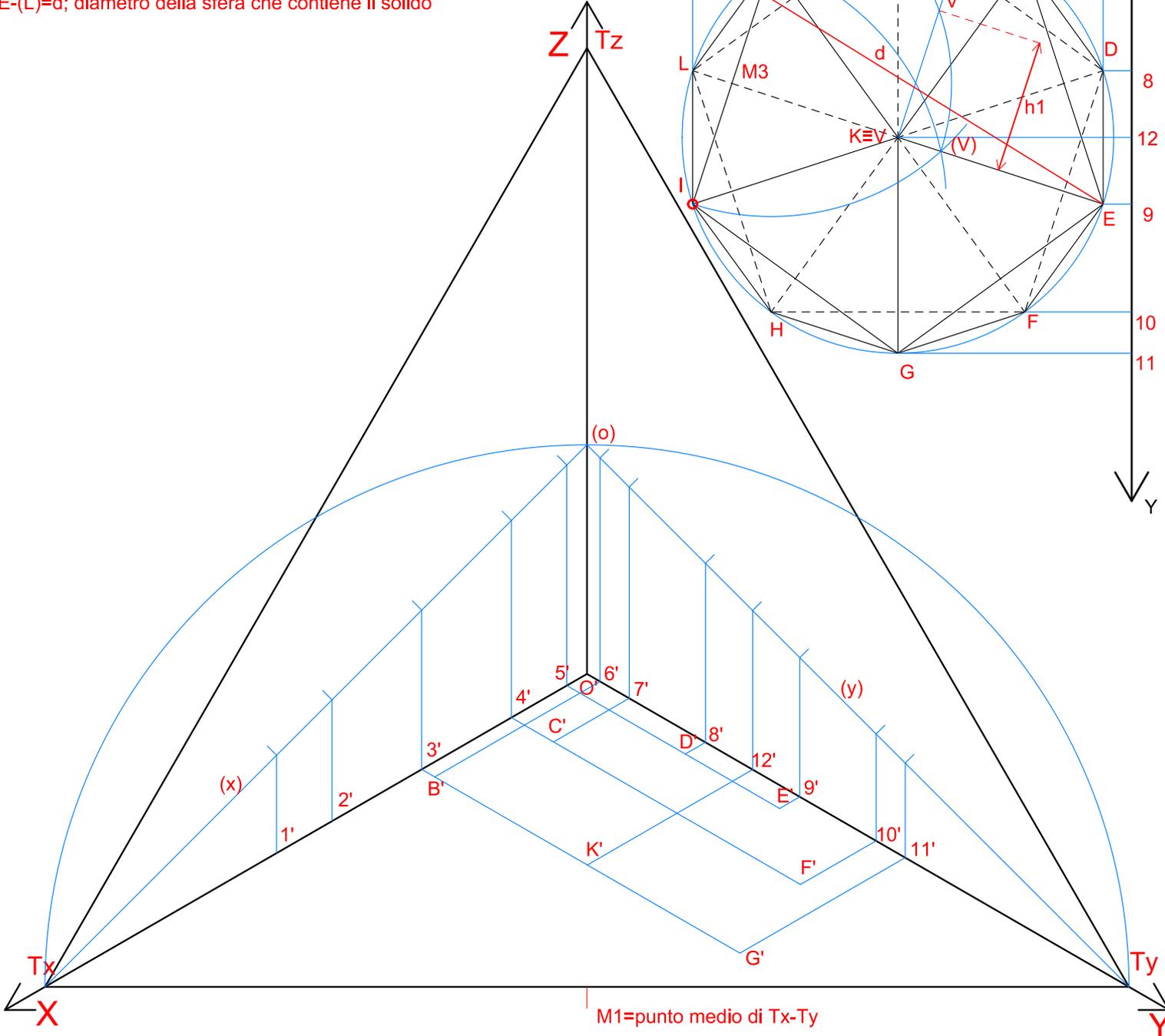
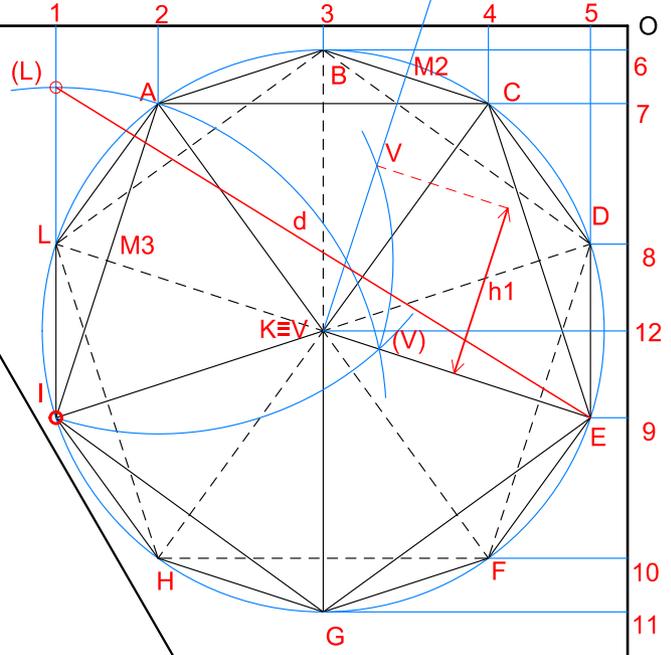
M1=punto medio di T_x-T_y



X ←

E-(L)=d; diametro della sfera che contiene il solido

Z Tz



M1=punto medio di Tx-Ty

Y ↓

Tx

Ty

X

Y

(o)

(x)

(y)

0
6
7
8
9
10
11

1 2 3 4 5
 (L) A B M2 C
 D
 L M3
 K≡V
 (V)
 H G
 F
 E

Z Tz

4'

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10'

11'

B'

C'

D'

E'

F'

12'

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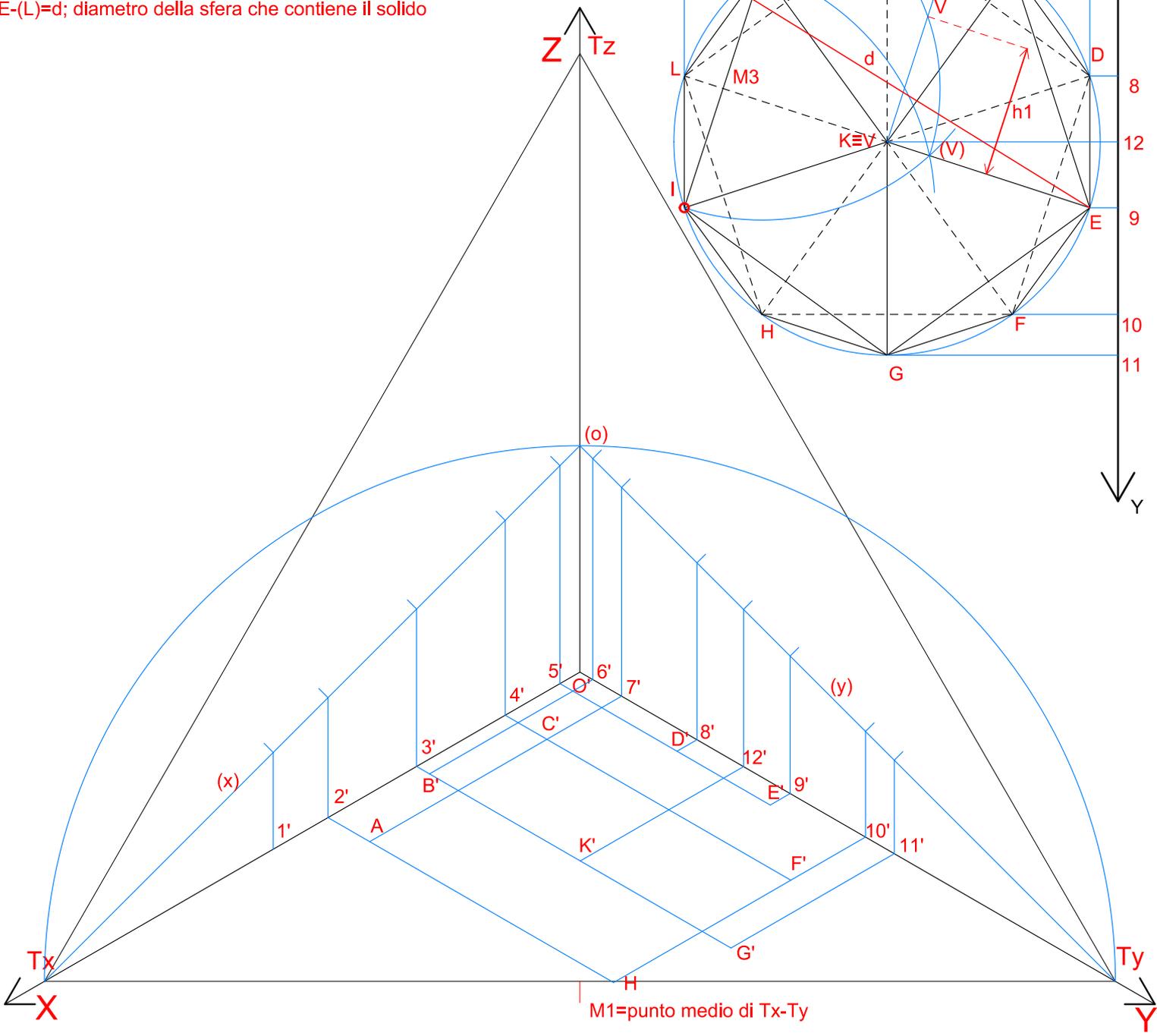
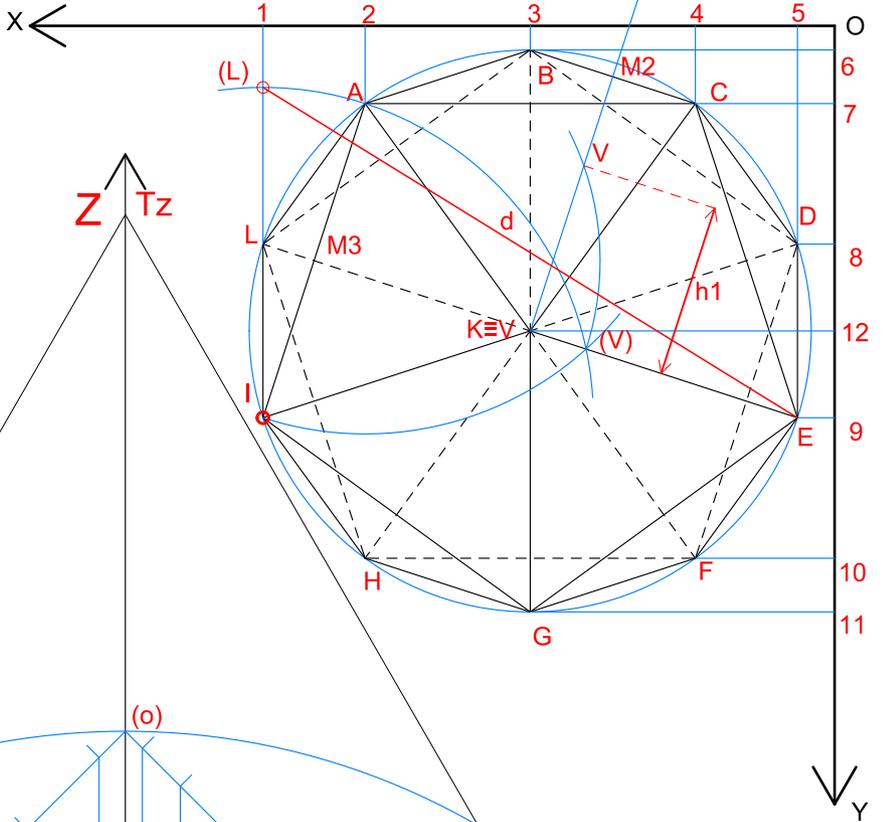
10'

11'

1'



E-(L)=d; diametro della sfera che contiene il solido

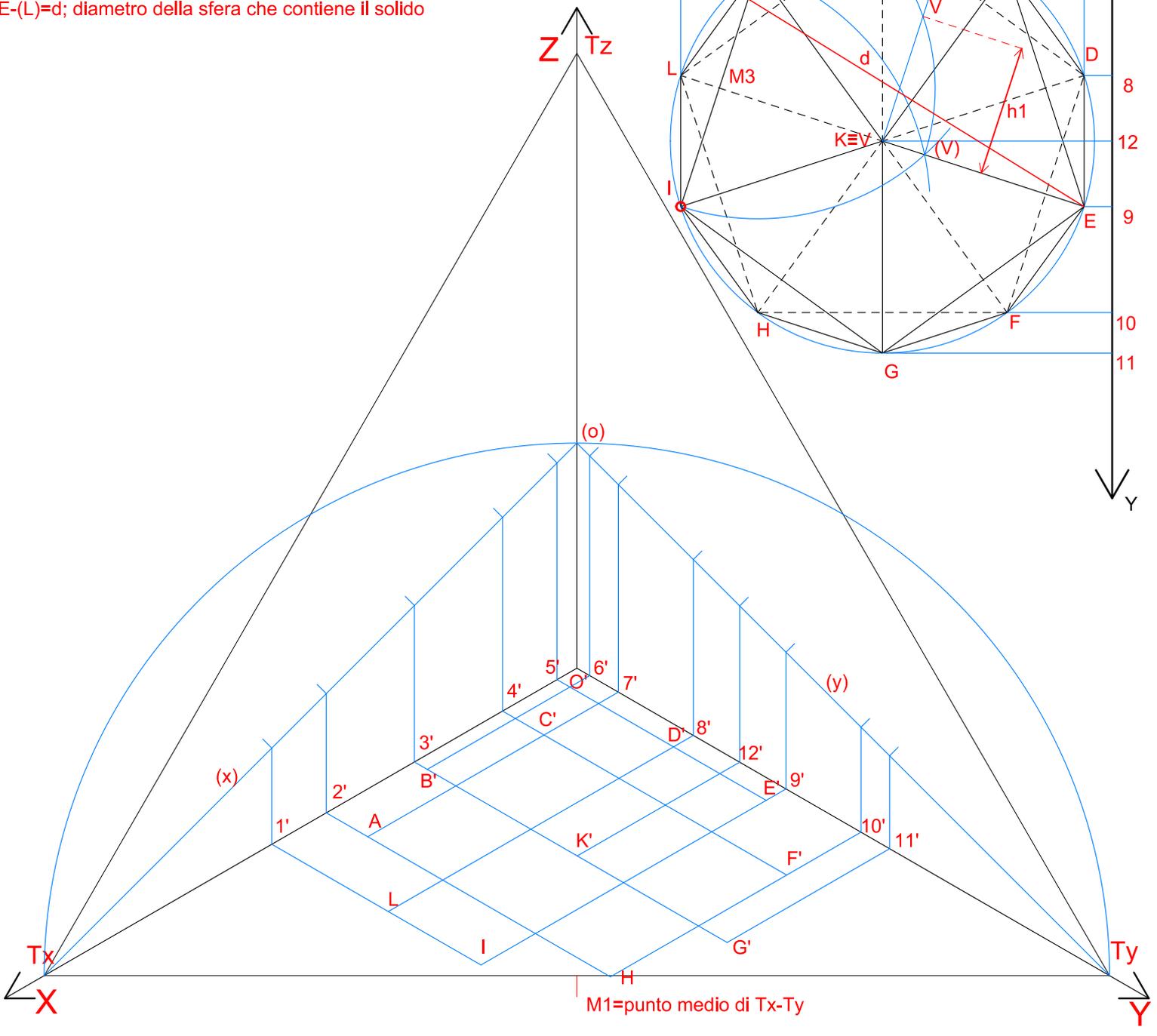
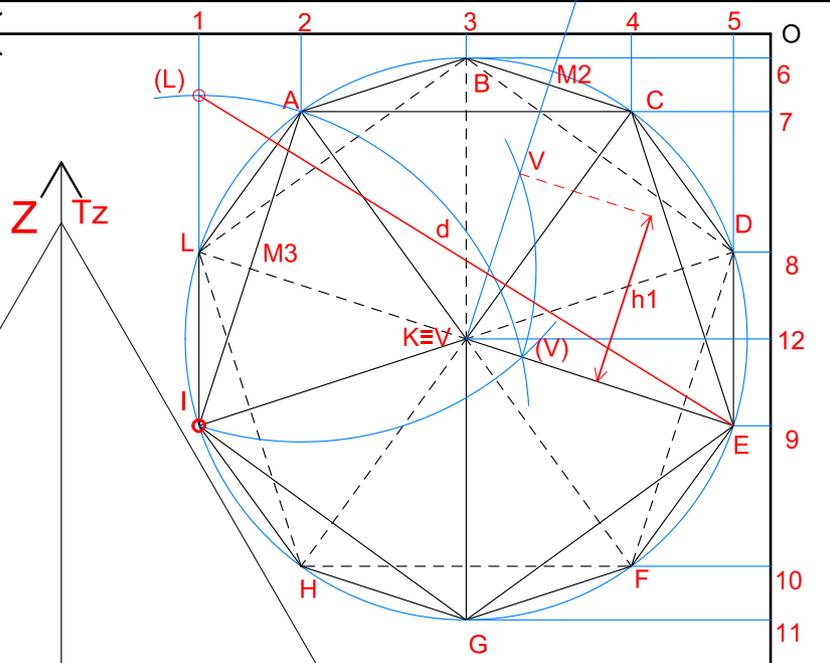


M1=punto medio di Tx-Ty



X ←

E-(L)=d; diametro della sfera che contiene il solido



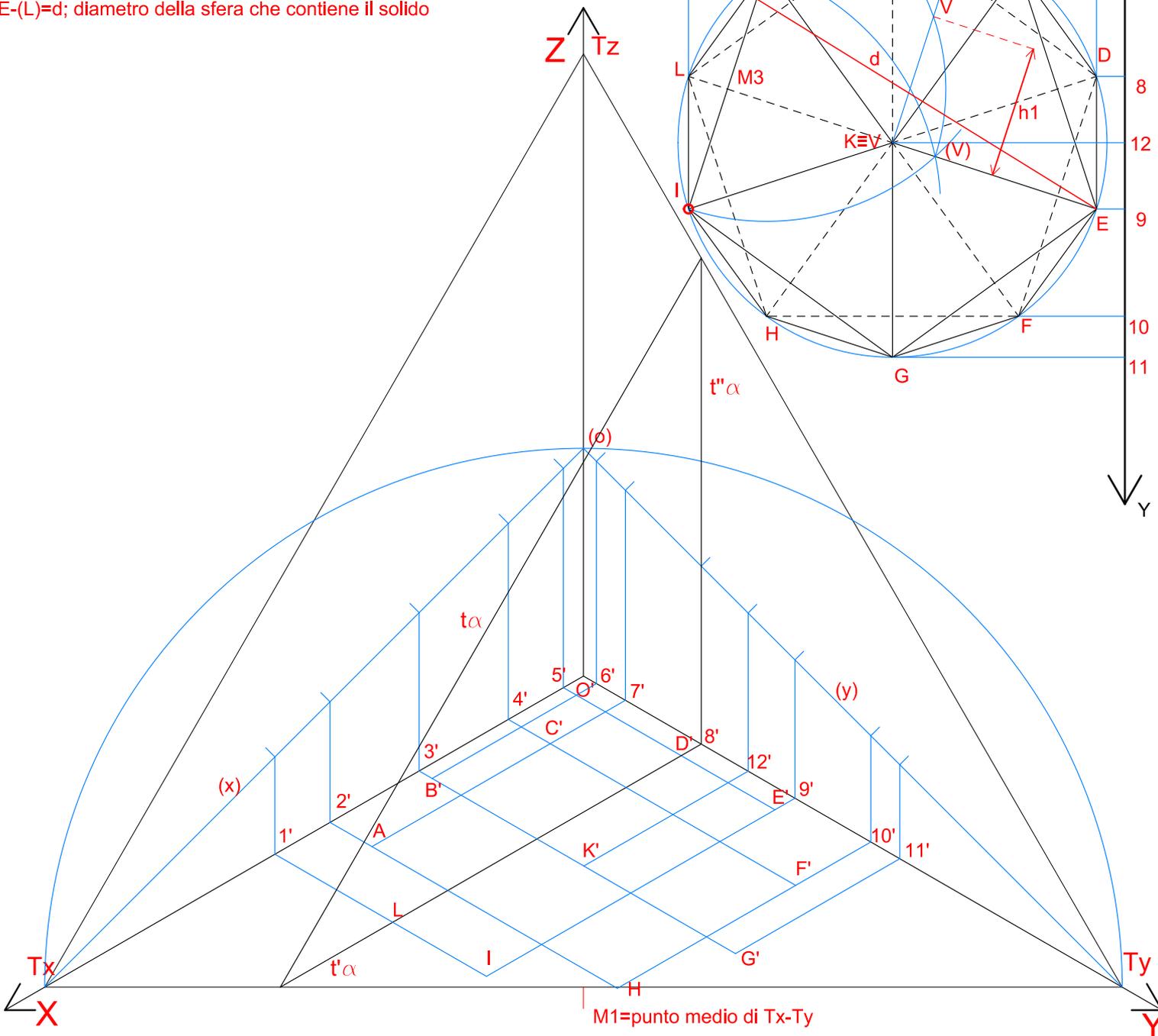
M1=punto medio di Tx-Ty



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X ←

E-(L)=d; diametro della sfera che contiene il solido



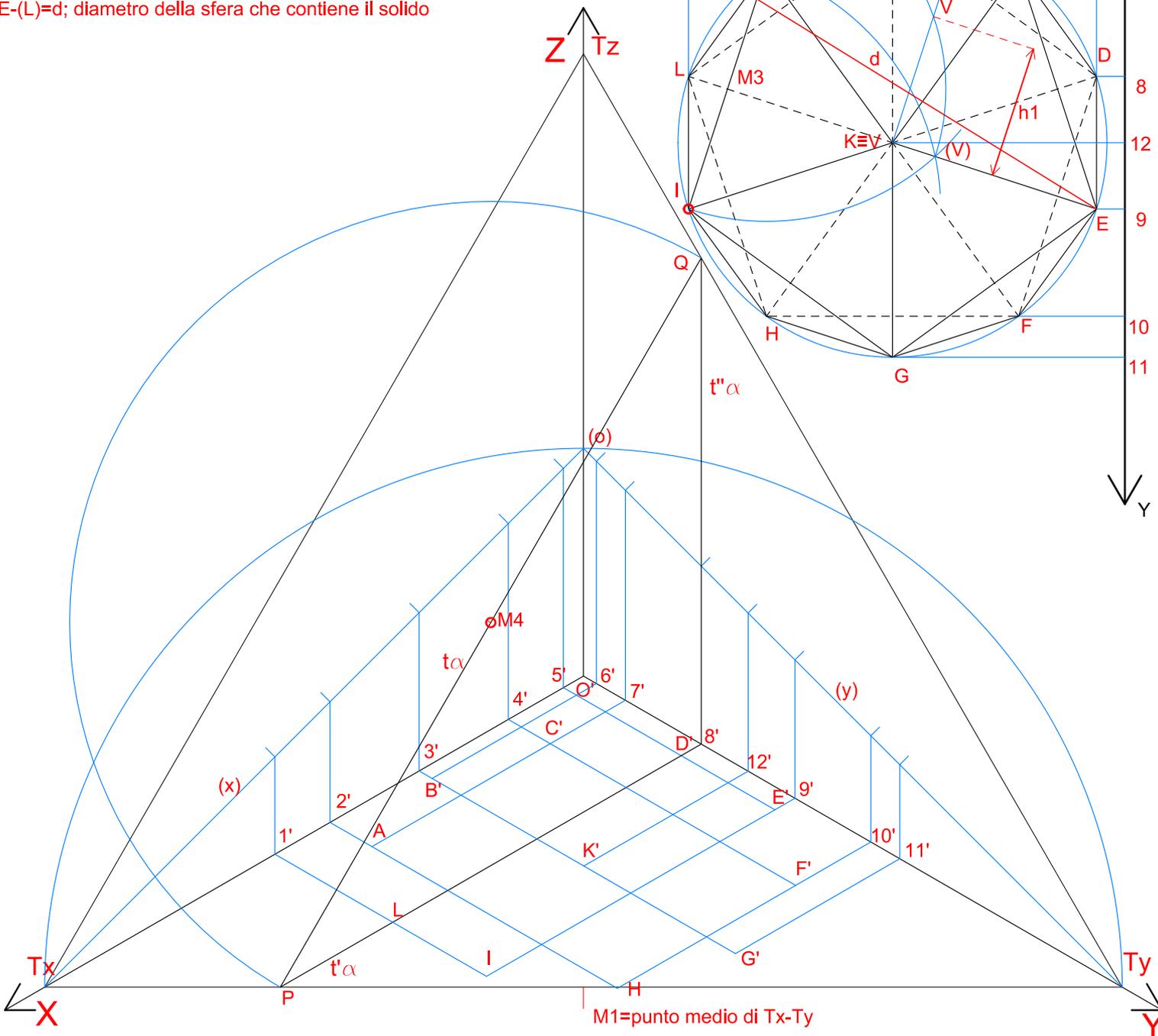
M1=punto medio di Tx-Ty



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E-(L)=d; diametro della sfera che contiene il solido



M1=punto medio di Tx-Ty

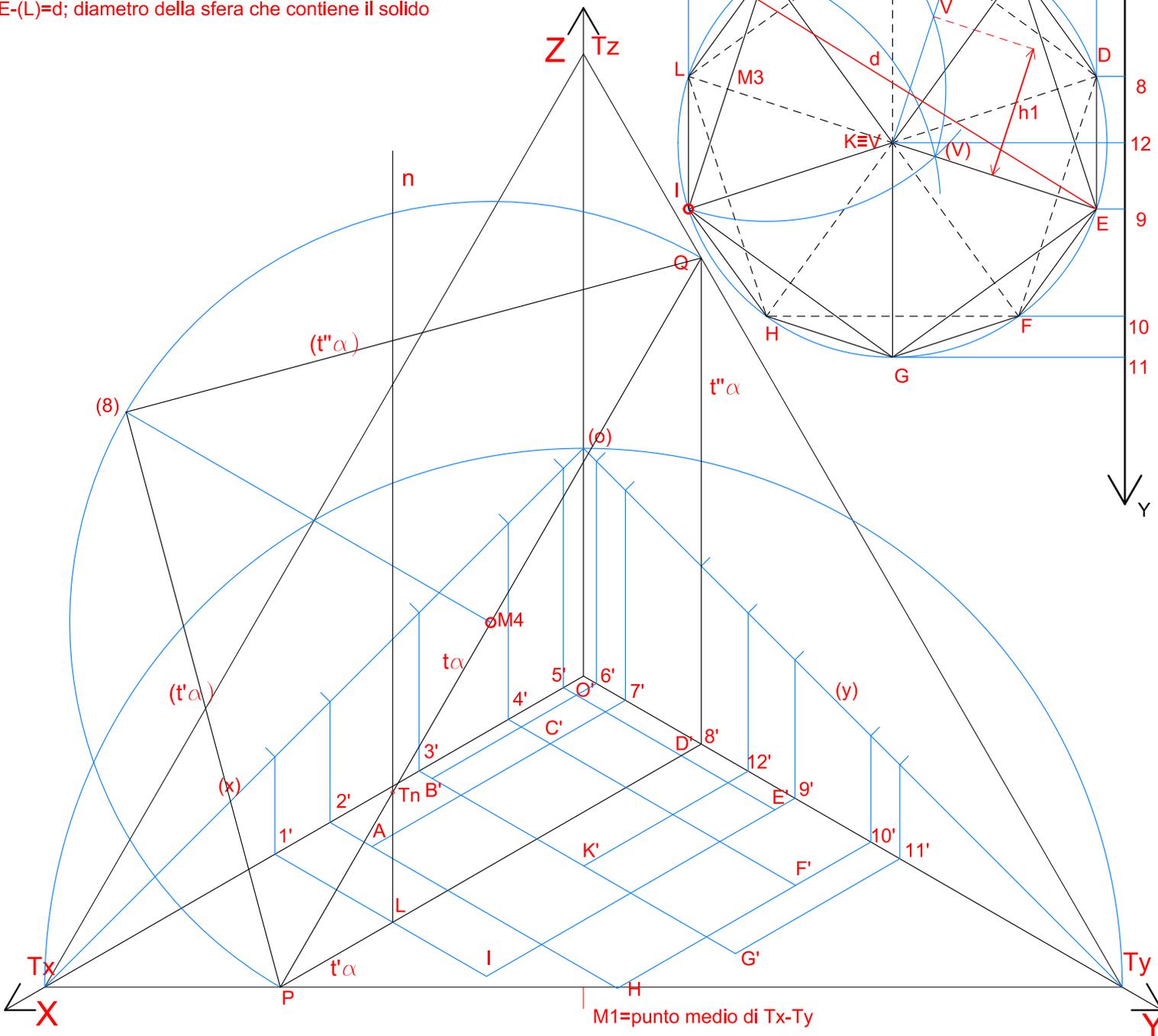
Y ↓



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X ←

E-(L)=d; diametro della sfera che contiene il solido



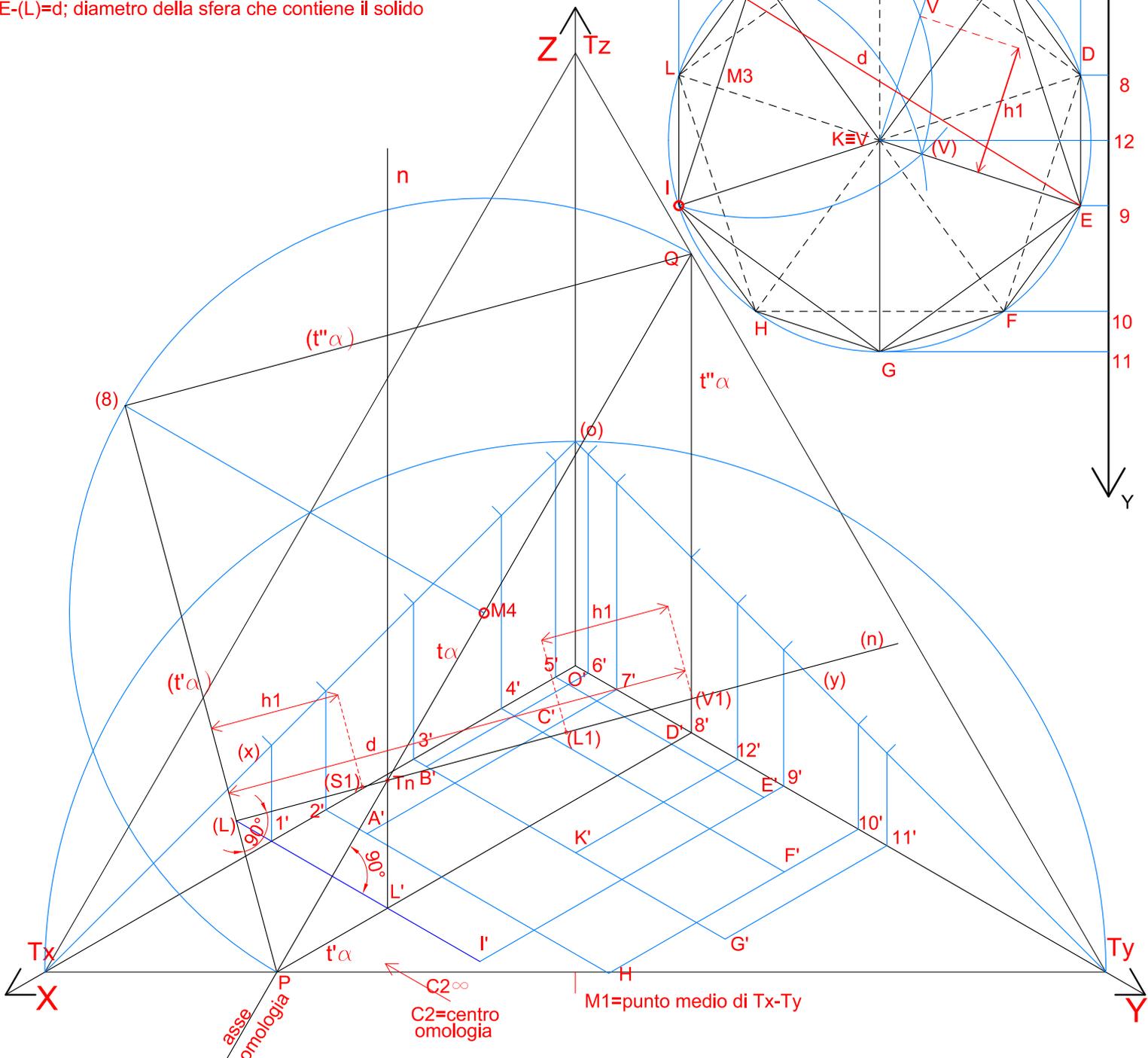
M1=punto medio di Tx-Ty



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X ←

E-(L)=d; diametro della sfera che contiene il solido



↓ Y

Tx
X

Ty
Y

asse omologia

C2=centro omologia

M1=punto medio di Tx-Ty

(8)

(o)

(L)

(L1)

(V1)

(S1)

(x)

(n)

(y)

(L)

(90°)

(60°)

(1')

(2')

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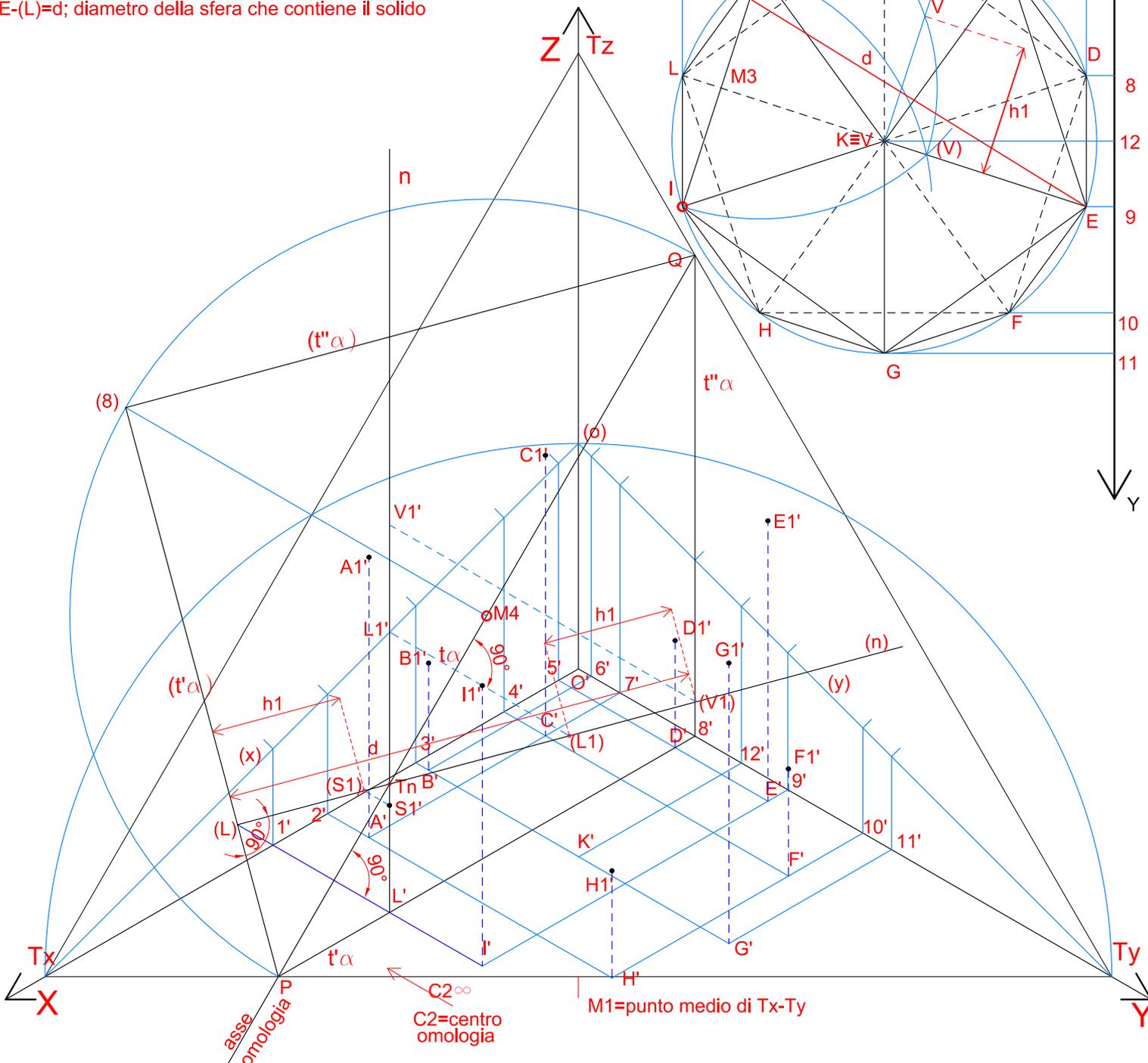
(1')



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X ←

E-(L)=d; diametro della sfera che contiene il solido

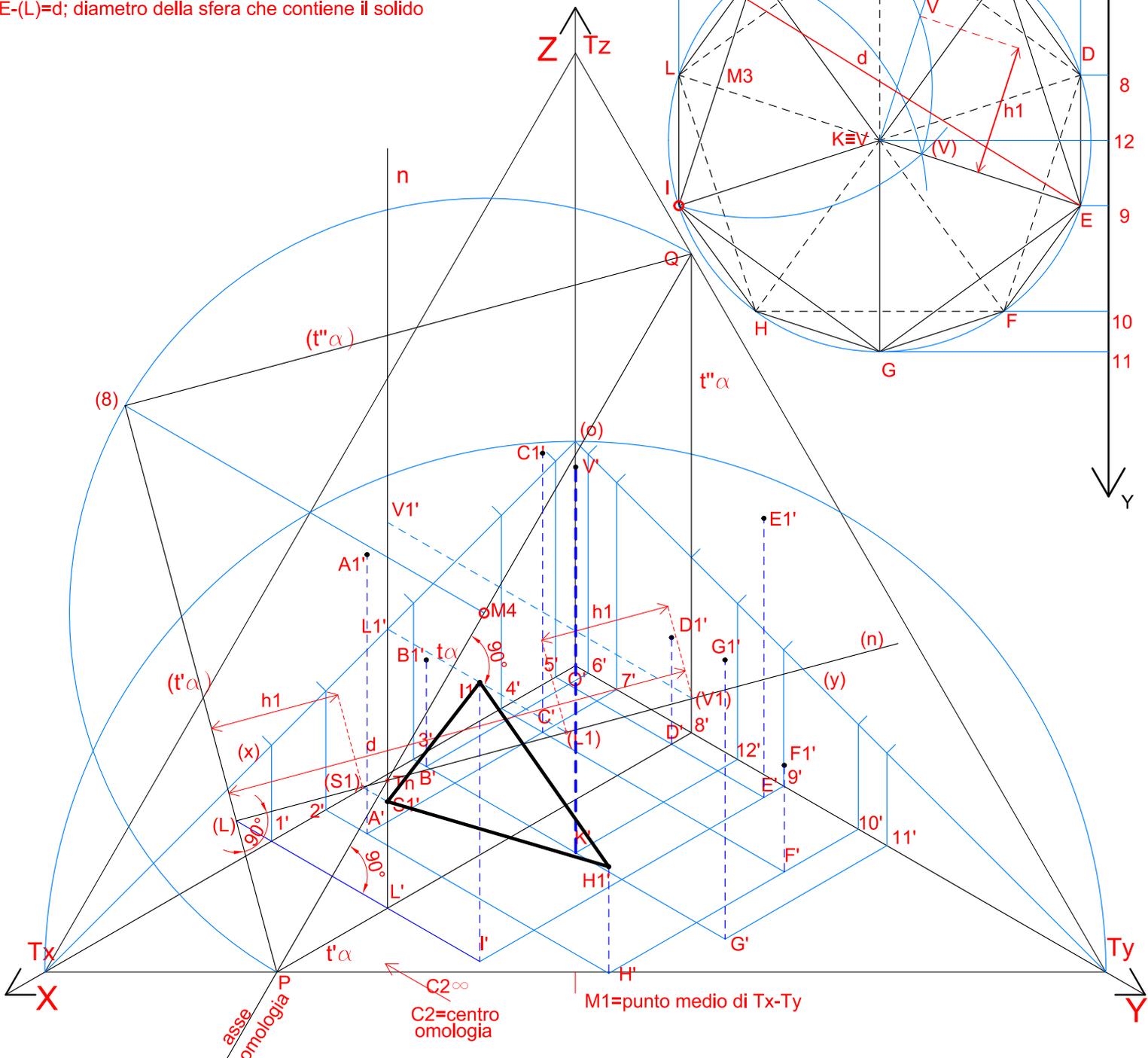




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X ←

E-(L)=d; diametro della sfera che contiene il solido

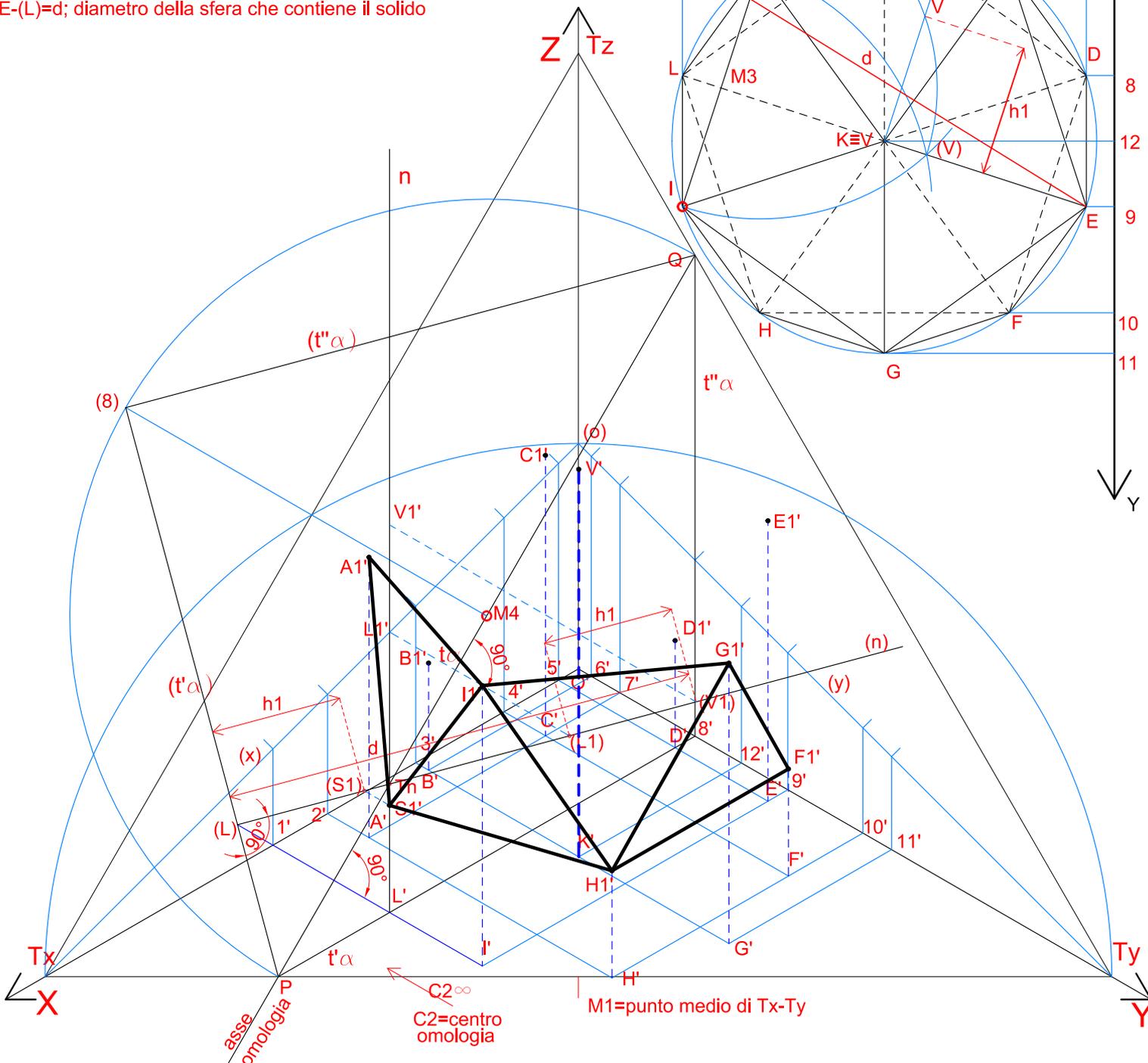




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X ←

E-(L)=d; diametro della sfera che contiene il solido



asse omologia P

C2=centro omologia

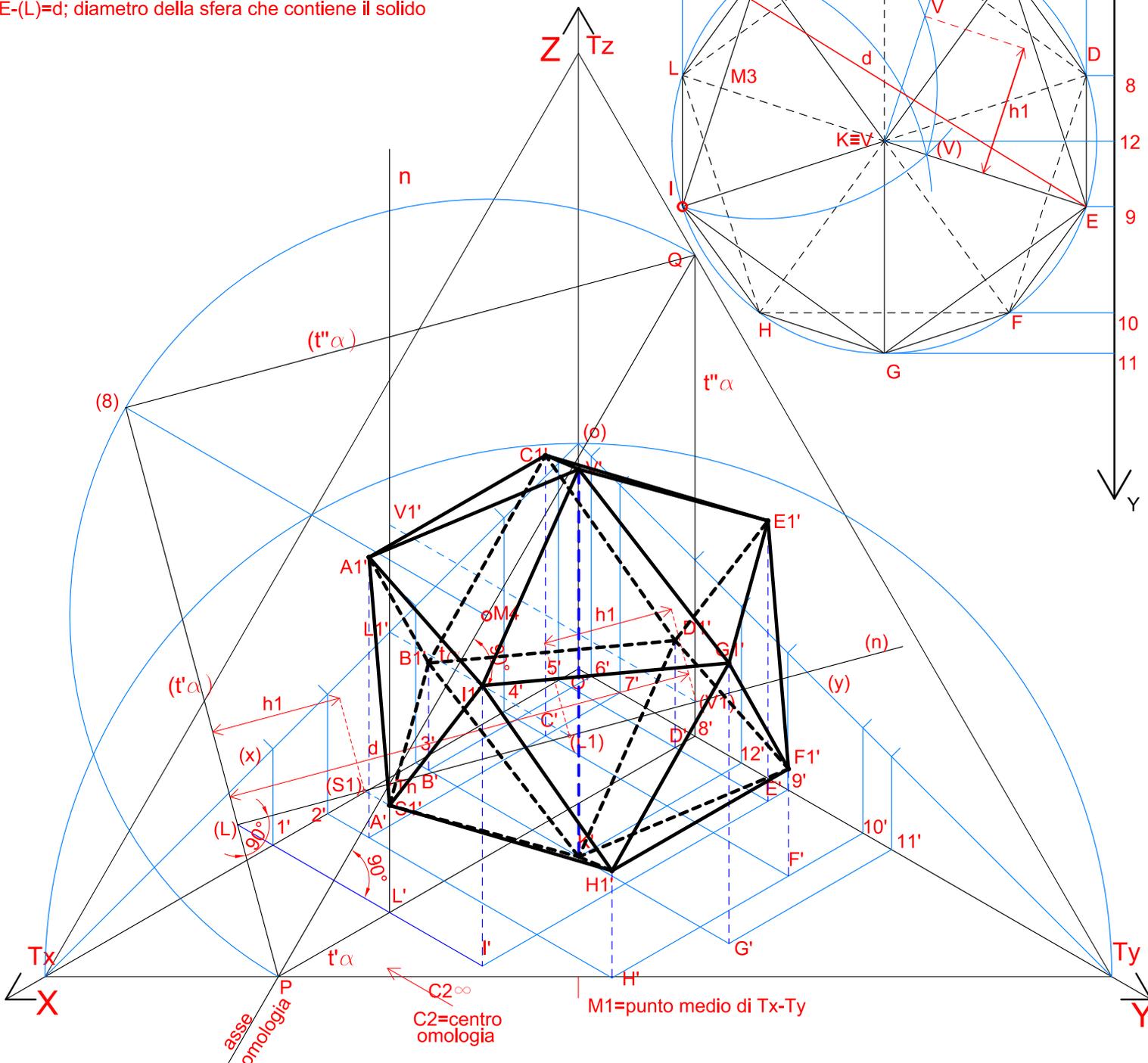
M1=punto medio di Tx-Ty



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X ←

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X ←

E-(L)=d; diametro della sfera che contiene il solido

