

CURVES

Tangencies, ovals and spirals

This presentation has got several links that will help you to understand the procedures you will have to explain to your classmates. Most of the videos are in Spanish, as I couldn't find appropriate ones in English.

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Tangencies <http://educale.com/dt/tangebasi/t1/index.html>

- Tangent-lines, circle point.
- Outer tangent lines to two circles.
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- Oval construction given the major axis.
- Oval construction given the minor axis.

Spirals

- Two centre spiral.
- Three centre spiral.
- Four centre spiral.

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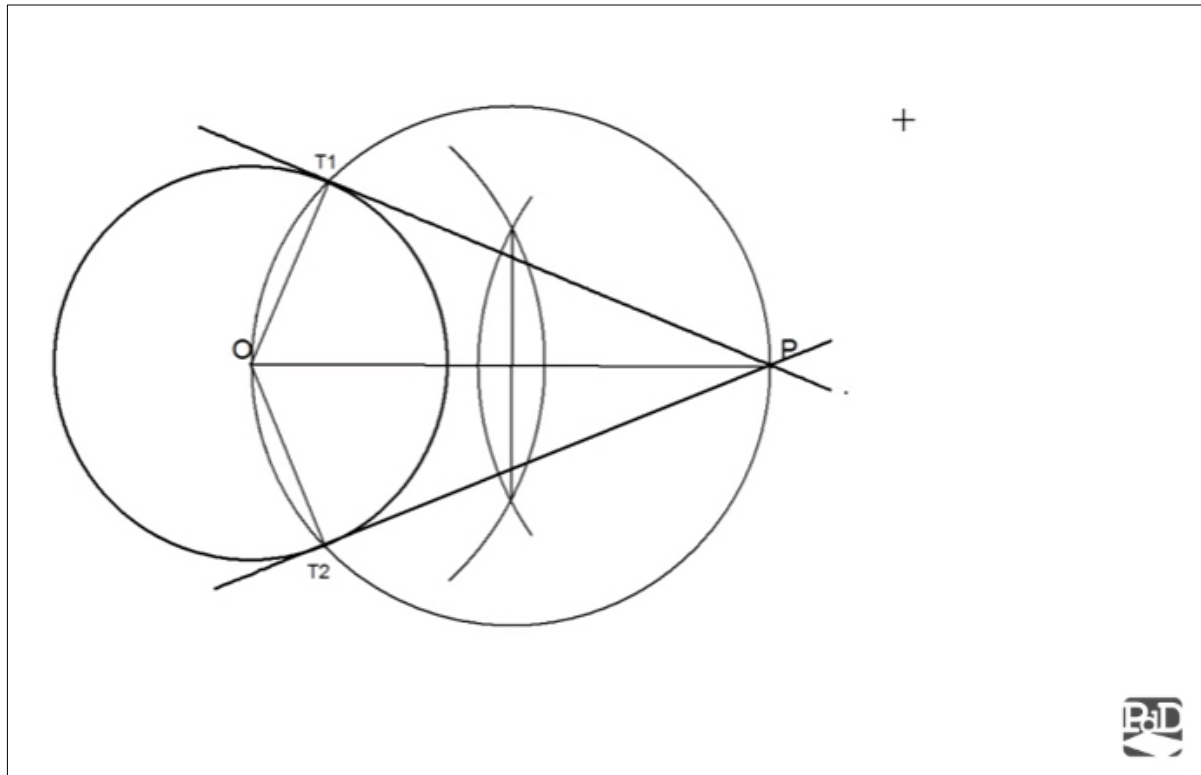
Ovals <http://educale.com/dt/tecnicas/index.html>

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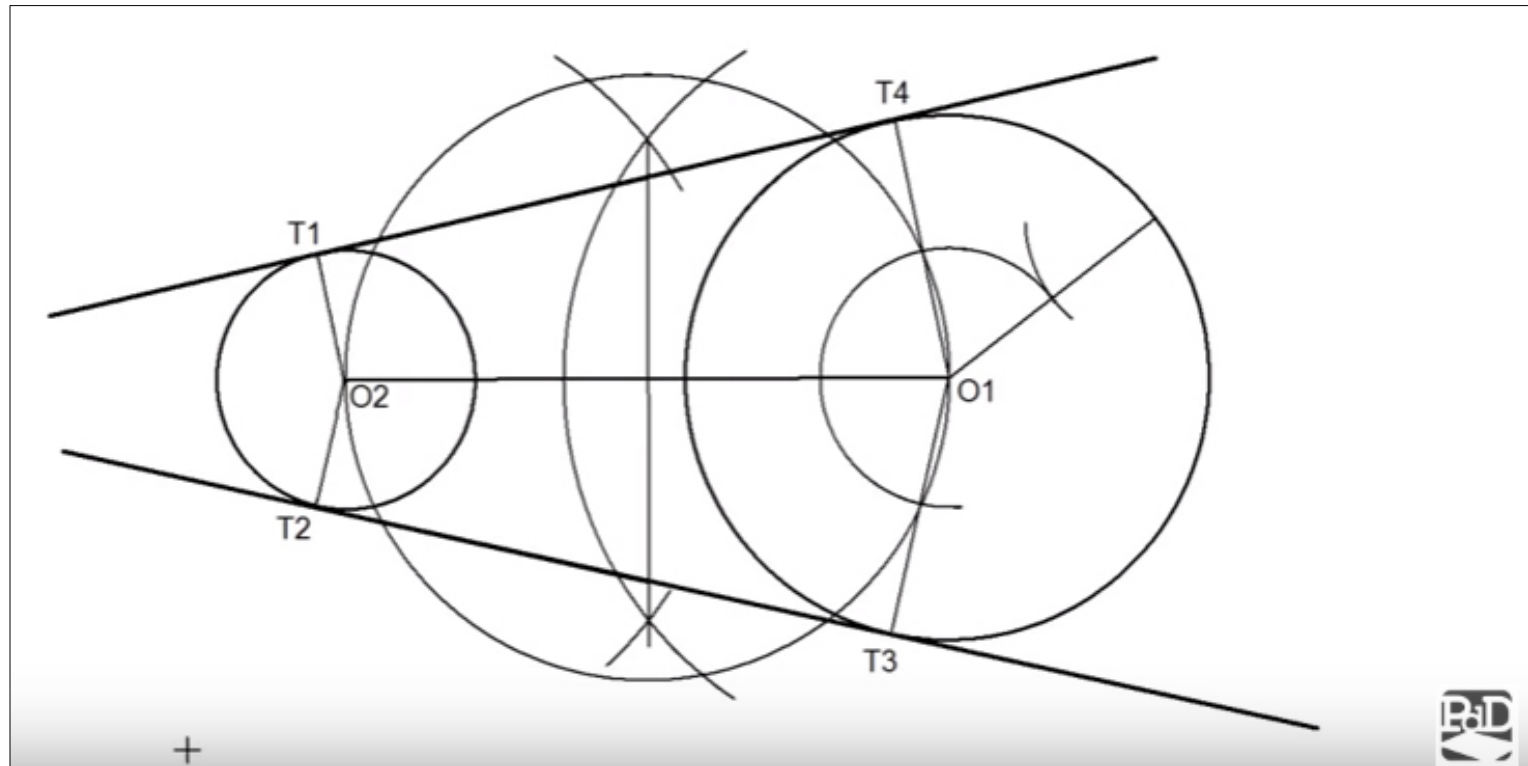
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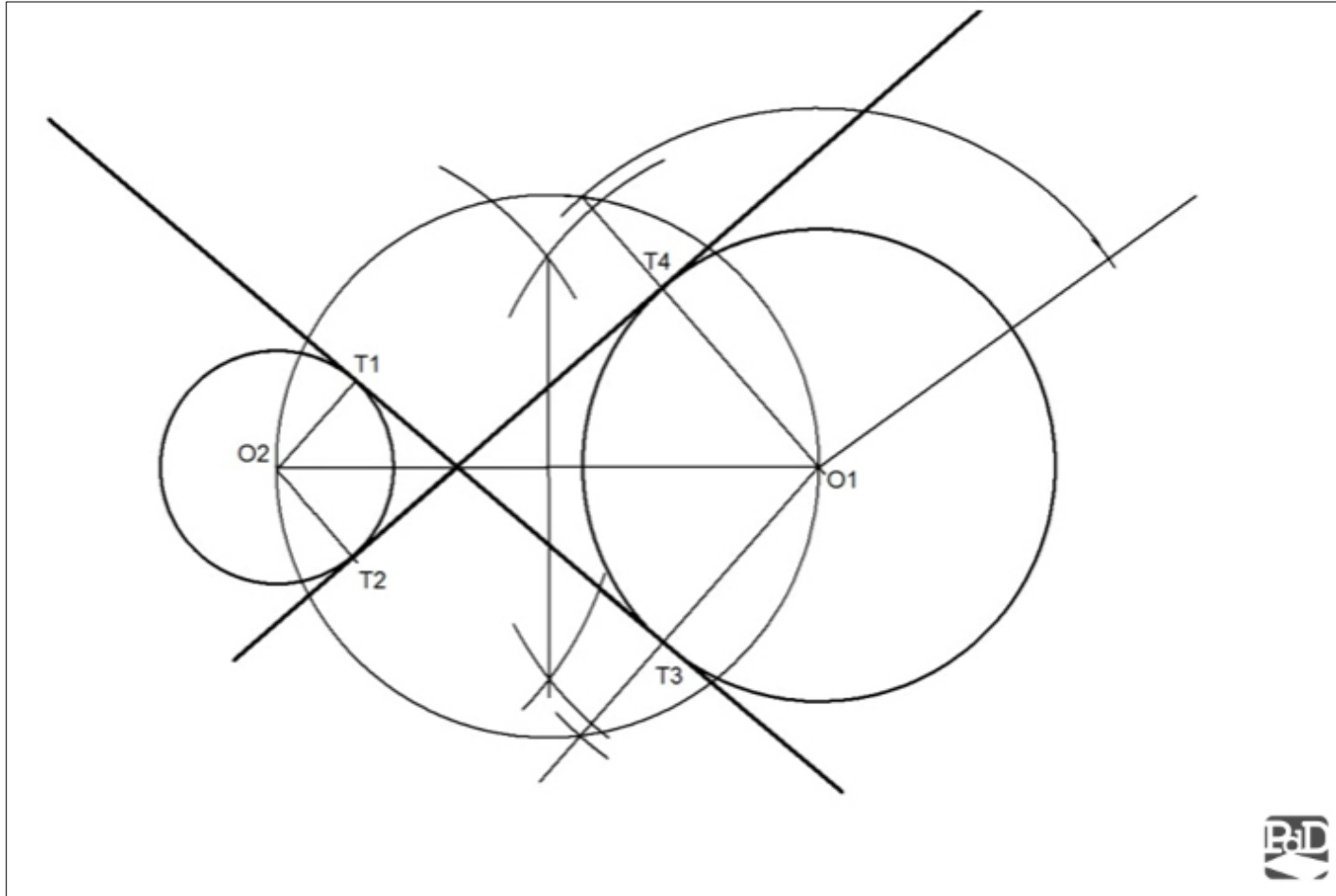
TANGENCIES: Tangent-lines, circle point.



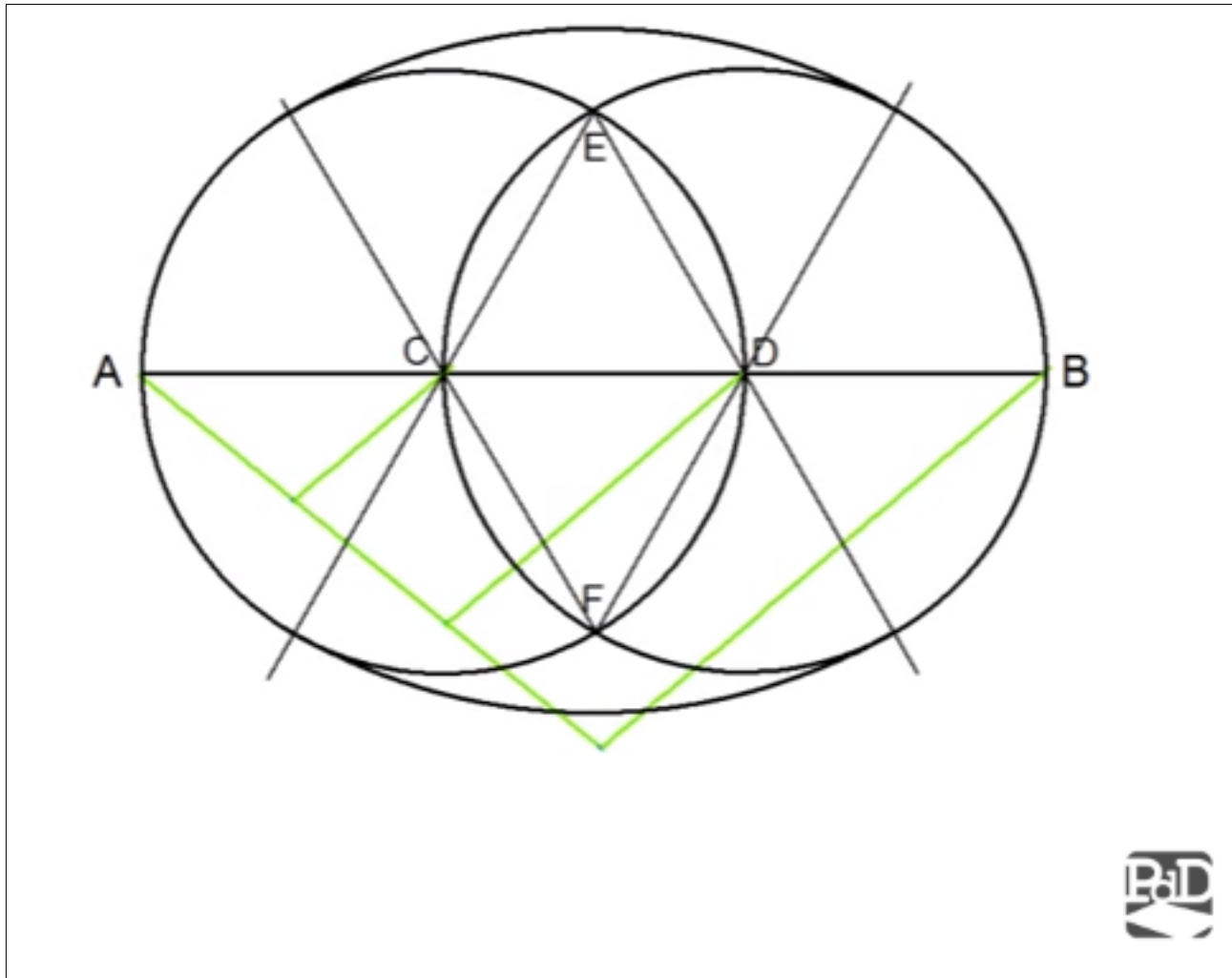
TANGENCIES: Outer tangent lines to two circles.



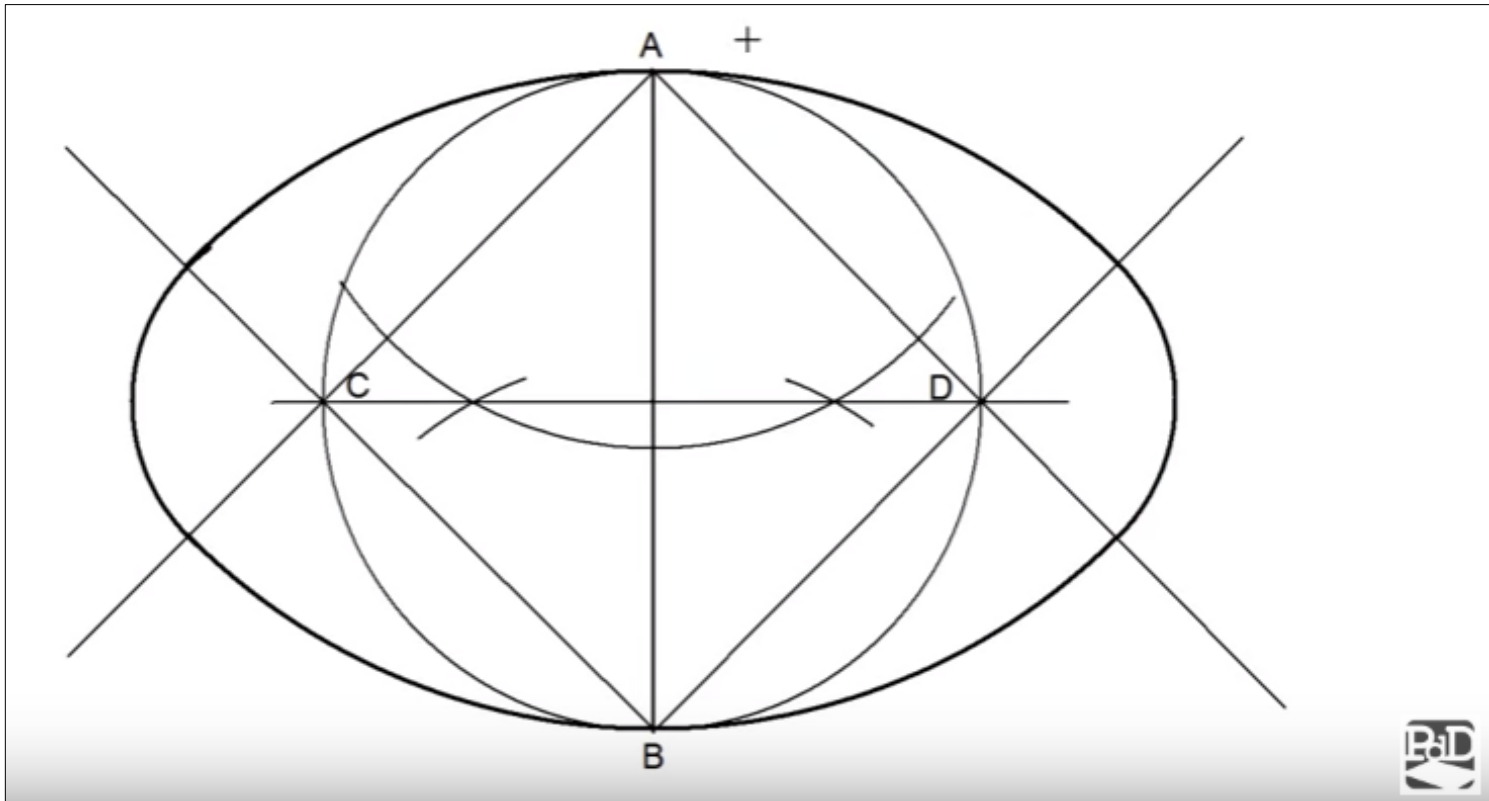
TANGENCIES: Inner tangent lines to two circles.



OVALS: Oval construction given the major axis.

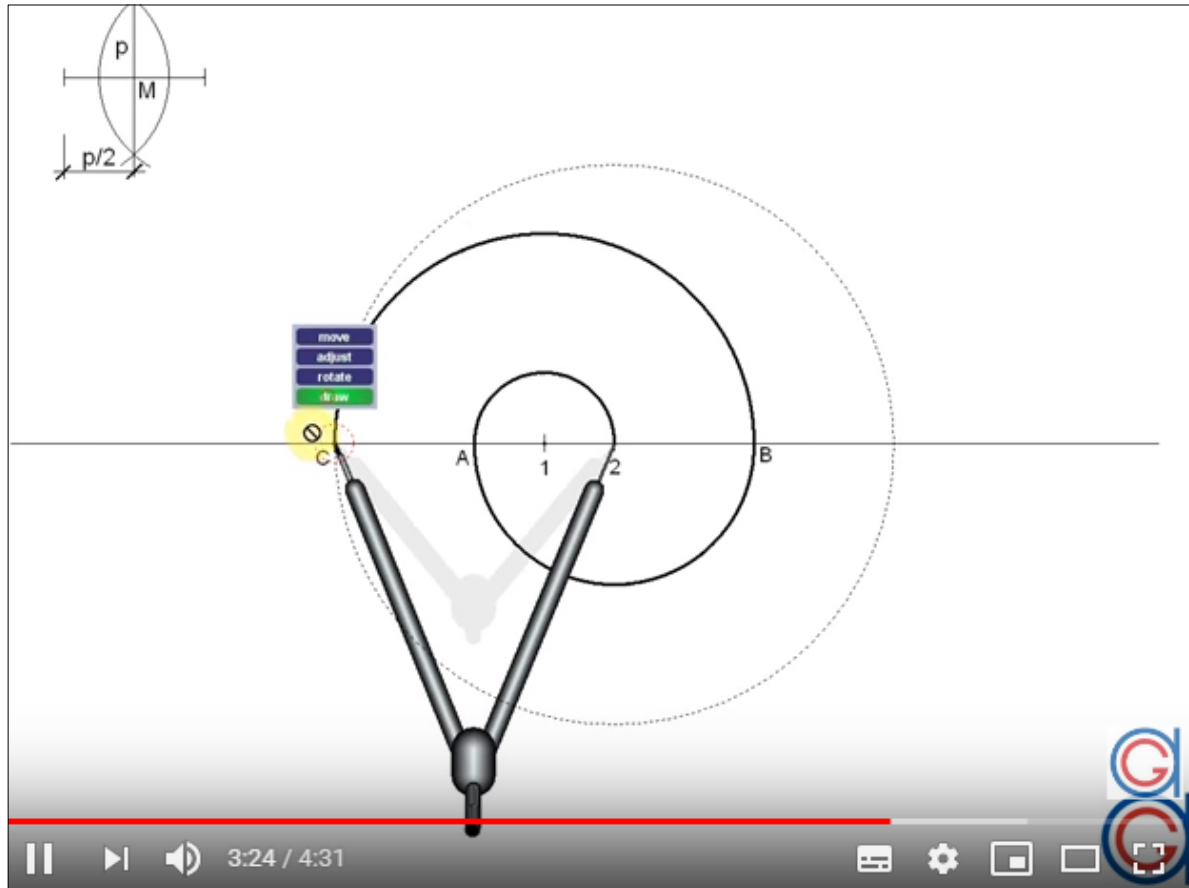


OVALS: Oval construction given the minor axis.

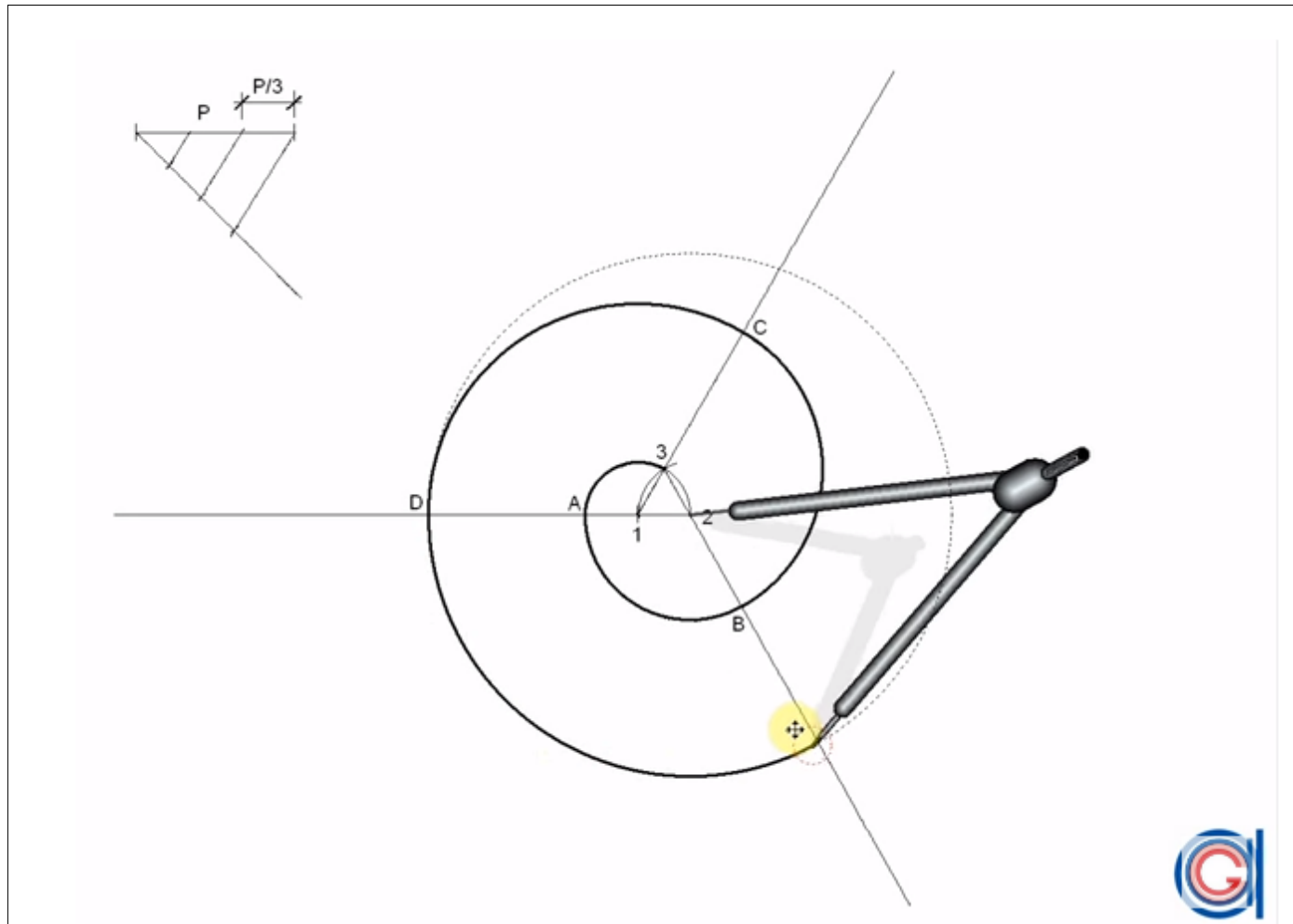


Oval given the two axis: <https://www.youtube.com/watch?v=eis2P958ONo>

SPIRALS: Two centre spiral.

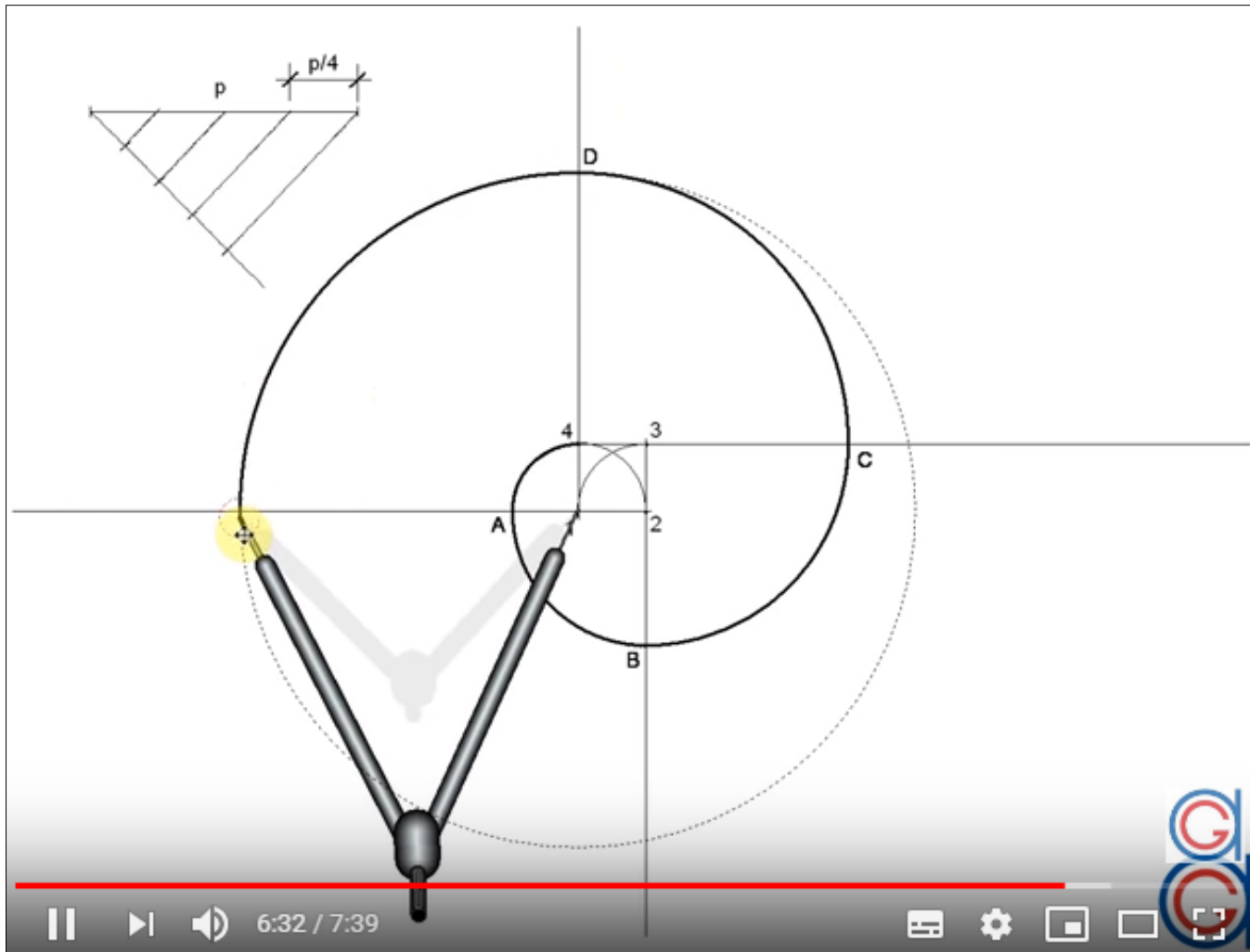


SPIRALS: Three centre spiral.



(ESPIRAL DE TRES CENTROS): <https://www.youtube.com/watch?v=l79LIGVjzIQ>

SPIRALS: Four centre spiral.



BIBLIOGRAPHY

<http://educale.com/>

<https://www.youtube.com/user/ArturoGeometria>

<http://www.profesordedibujo.com/>