

Angle Trisection

Why it's not possible and how to do it.

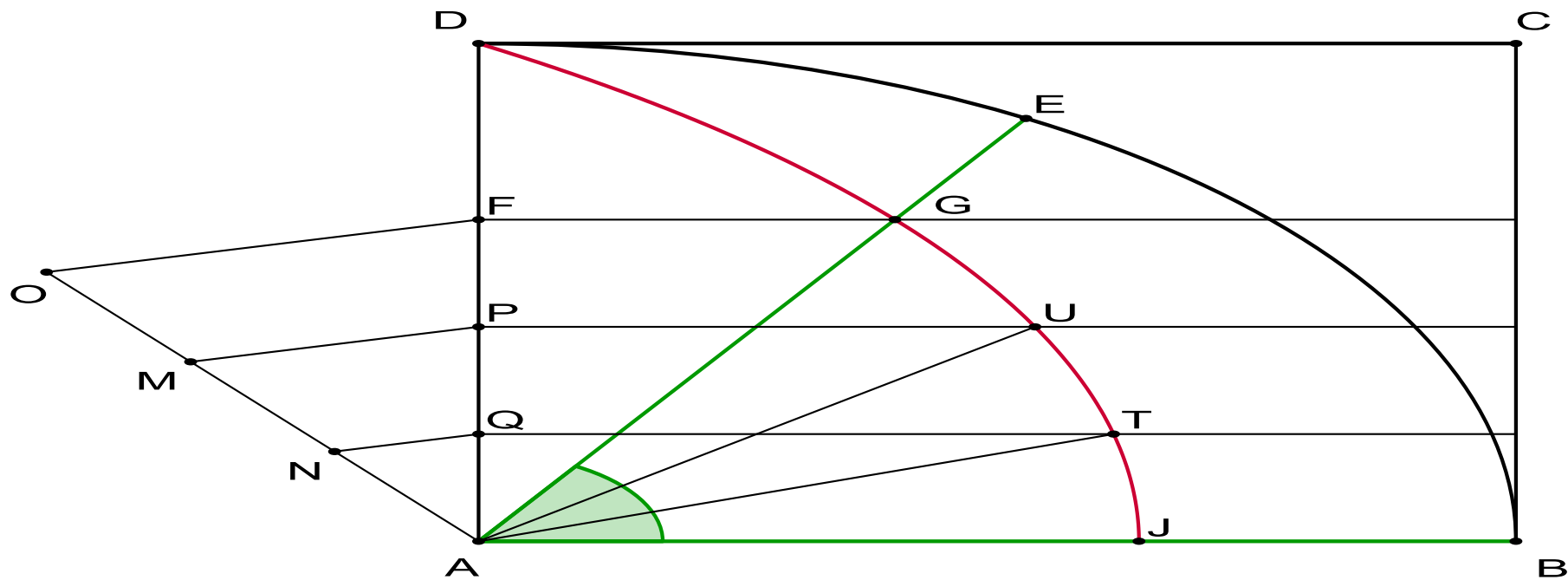
David McQuillan

Straightedge and compass

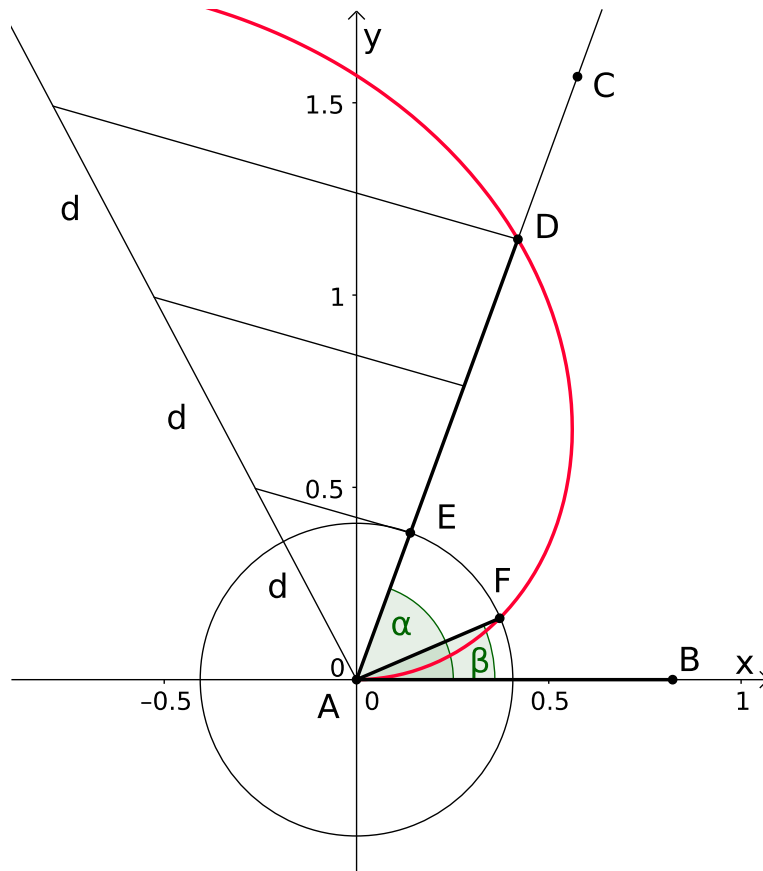
- Only some angles can be trisected using an unmarked ruler and compass.
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- Can you think of an angle that can't be constructed – but if it can be trisected if given?

- Sorry I seem to have lost the talk. I'll just include illustrations I used and pictures of the devices I made from Meccano for it
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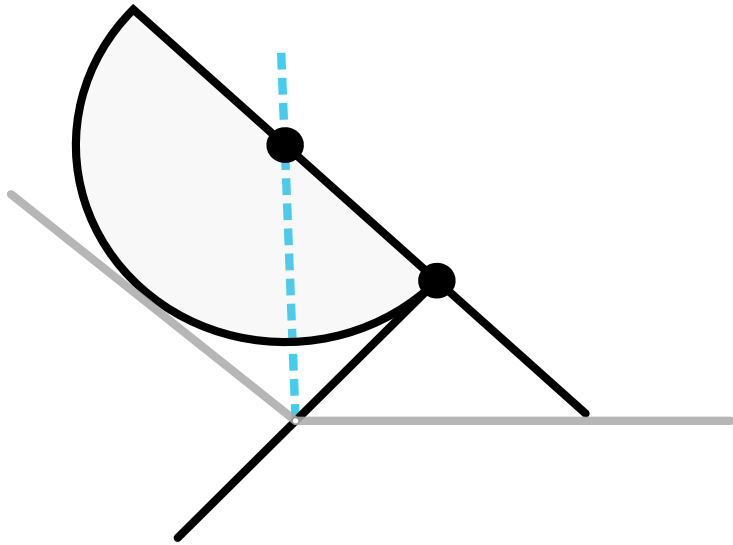
From Hipassus



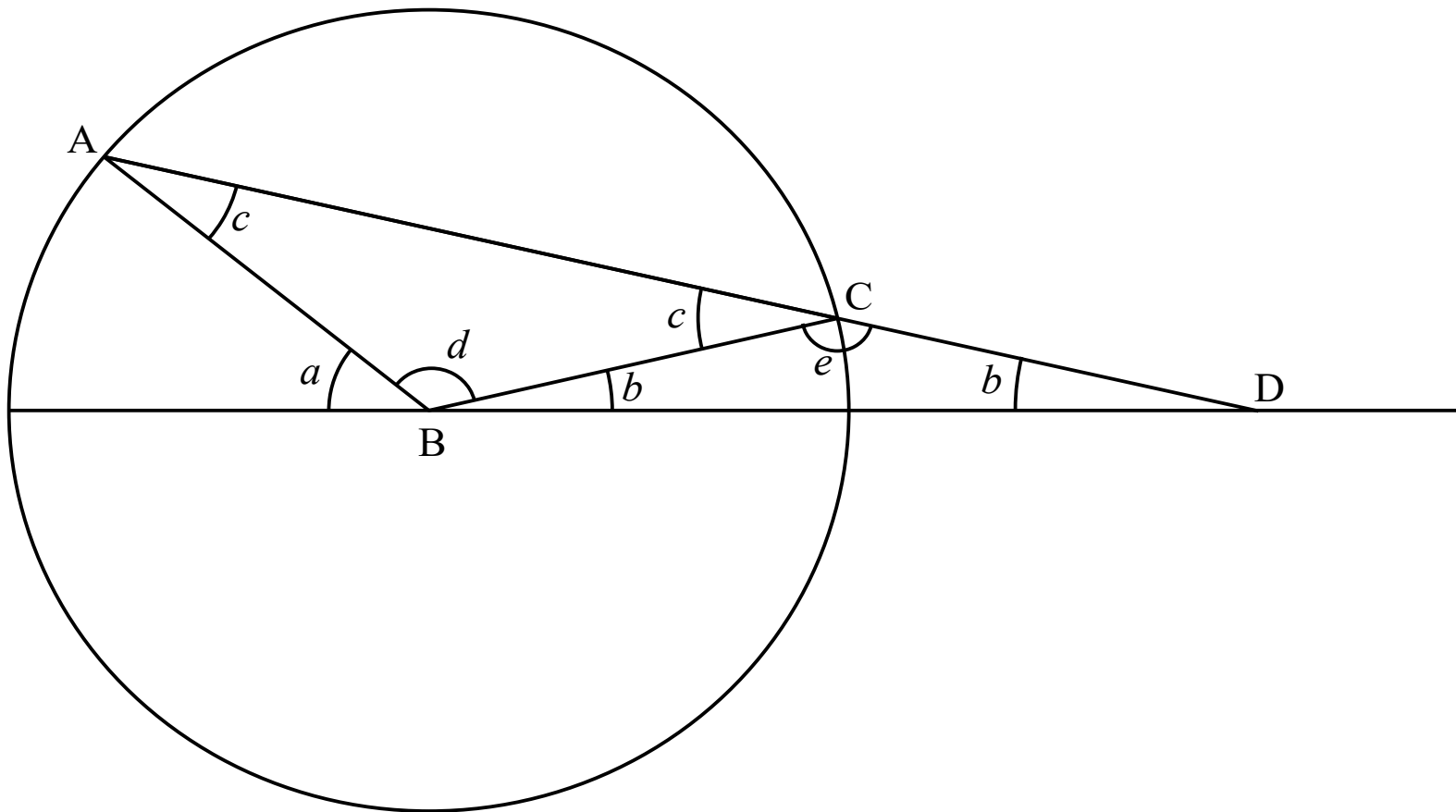
Archimedean Spiral



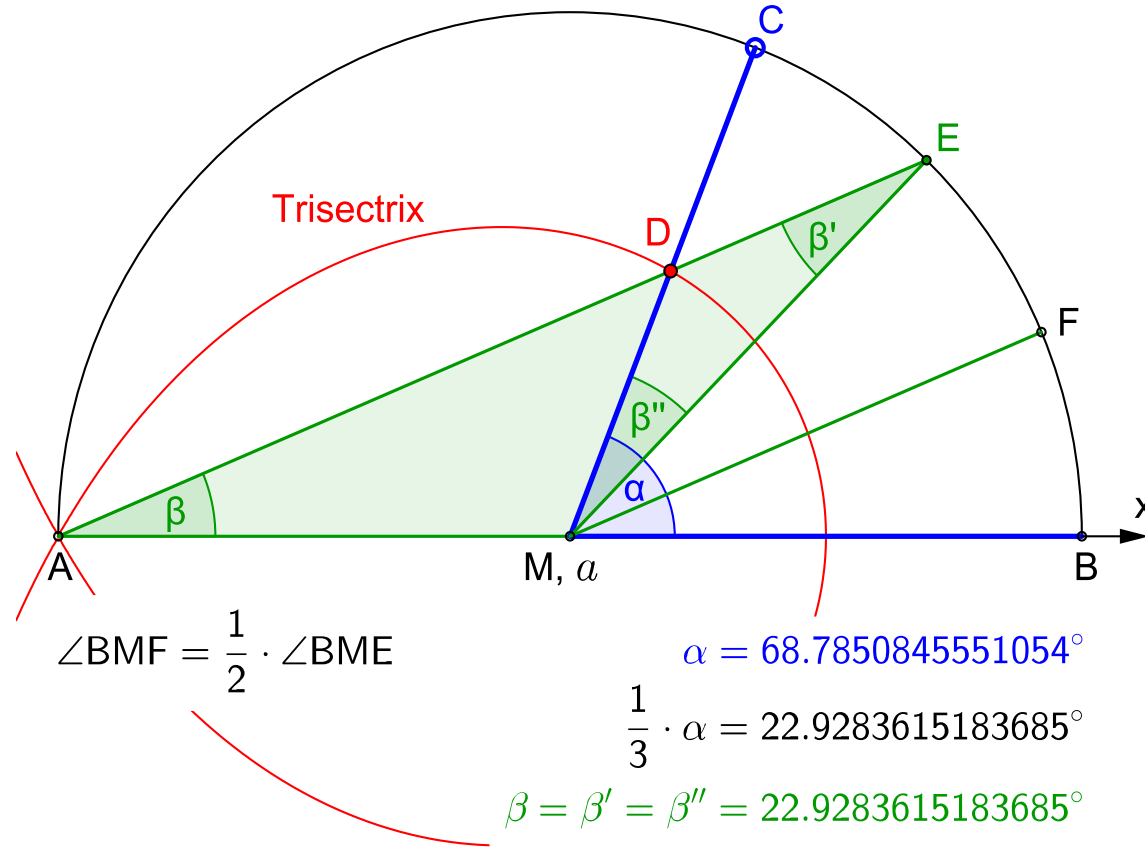
Tomahawk Trisection



Almost there using Neusis



Using the Trisectrix



Sylvester's Link Fan



Ian Stewart's Construction

