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COMPLEX EXPONENTIAL

The complex exponential function sends straight lines through the origin to spirals.

Mathlet

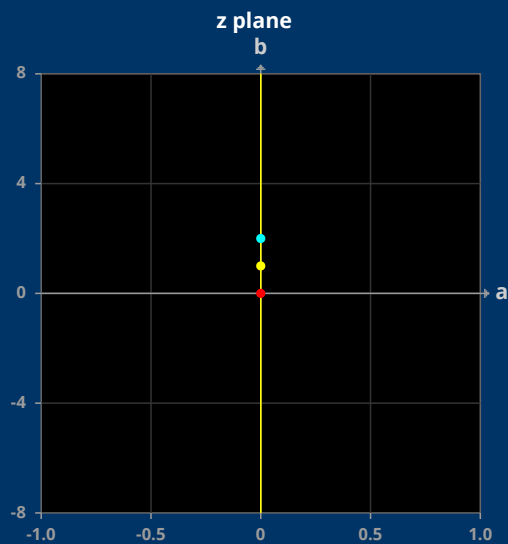
Description

Activity

Comments

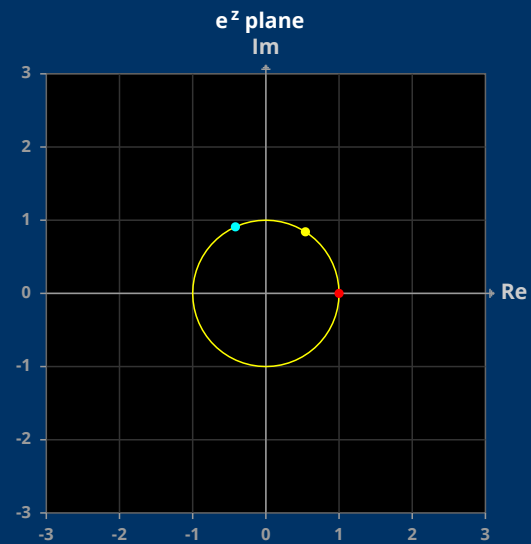
COMPLEX EXPONENTIAL

[mode](#) [+ help](#)



$$z = a + bi = 0.00 + 2.00 i$$

$$z = (a + bi) t$$



$$e^z = e^{a + bi} = -0.42 + 0.91 i$$

$$e^z = e^{(a + bi) t}$$



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