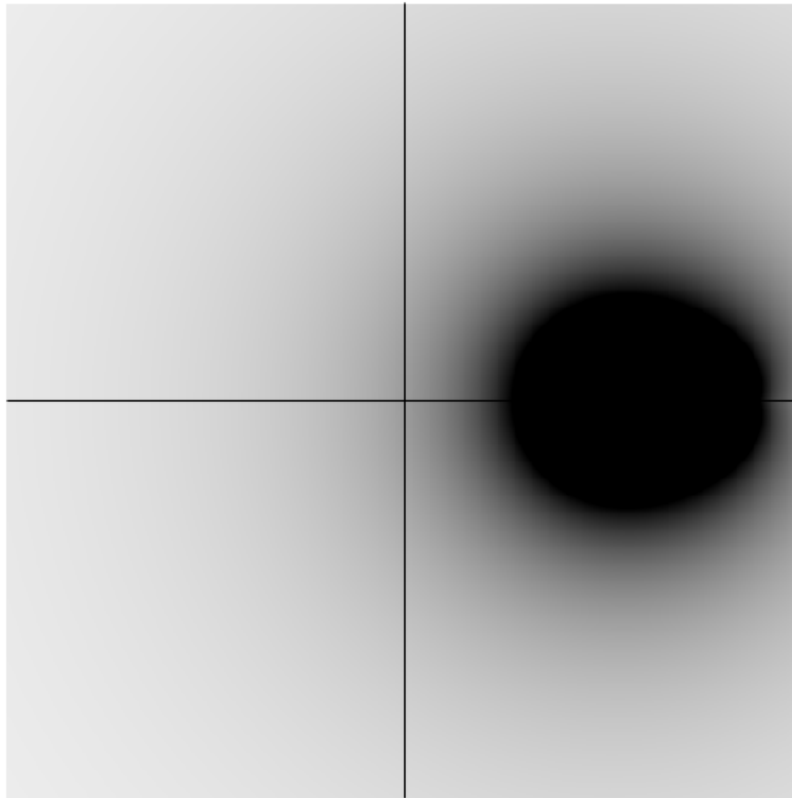


**AC Program IV.2** Plot the derivative of the supernecklace EGF (see Note IV.28) in the style of the plots in Lecture 4.

*Solution.*

$$S'(z) = \frac{1}{(1-z) \left(1 - \ln \frac{1}{1-z}\right)}$$



The large black spot contains the two poles, located at  $z = 1$  and  $z = 1 - \frac{1}{e}$ .

My Java code is submitted under “Additional files” as Supernecklace.java.