Problem 4.9

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0.0/2.0 points (ungraded)

Consider the function

$$f(z) = z^a (z-1)^b.$$

How many branch points $N(a,b)$ (including those which may reside at $z=\infty$) does it have depending on the values of $a,\ b$?

$N(1,1) =$

$N(1,1/2) =$

$N(1/2,1/3) =$

$N(2/3,1/3) =$

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