Problem 2.8

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Homework due Oct 31, 2020 20:00 EDT

Problem 2.8

2 points possible (graded)

Find coefficient in front of $\frac{1}{z}$ of Laurent series of the functions

$$1)\ f(z)=\frac{\sin\frac{1}{z}}{1-z},\quad 2)\ g(z)=\exp\left(-\exp\left(\frac{1}{z}\right)\right)$$

at $z=0$.

Coefficient in front of $\frac{1}{z}$ for Laurent series of $f(z)$

Coefficient in front of $\frac{1}{z}$ for Laurent series of $g(z)$

Submit You have used 0 of 6 attempts