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Problem 2.10

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Problem 2.10

2 points possible (ungraded)

Function

$$\frac{e^{iz}}{\cos z - 1}$$

can be expanded into Laurent series $\sum_{n=-\infty}^{\infty} c_n z^n$ in the region $|z| \in (2\pi k, 2\pi(k+1))$ for any integer non negative k . Find coefficient c_{-3} for such a series for $k = 0$ and $k = 1$. Use i for imaginary unit and pi for π .
 c_{-3} for $k = 0$

c_{-3} for $k = 1$

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You have used 0 of 6 attempts

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