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Problem 2.3

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Homework due Oct 31, 2020 20:00 EDT Completed

Problem 2.3

1/2 points (graded)

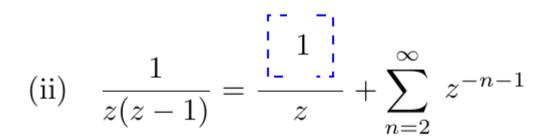
Build the Laurent expansion around z=0 for the function

$$\frac{1}{z(z-1)}$$

for the region: (i) $|z| \in (0,1)$ and ii) $|z| \in (1,\infty)$.

(i)
$$\frac{1}{z(z-1)} = \frac{-1}{z} - \sum_{n=0}^{\infty} \left[z^n \right]$$

$$\begin{bmatrix} -2 & -1 & 0 & 1 & 2 & z^n \end{bmatrix}$$



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You have used 3 of 6 attempts

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