

dougsweetser ~ <u>Help</u>

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☆ Course / 2. Cauchy theorem. Types of singularities. Laurent and Taylor series. / Exercises

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## Problem 2.1

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## Problem 2.1

1 point possible (ungraded)

Find the principal part of the Laurent series of

$$\frac{1+2z^2}{z^3+z^5}$$

at point z=0.

$$\frac{1}{z^3} + \frac{1}{z^2} + \frac{1}{z}$$

	-2	-1	0	1	2		
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