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Answer

$$\oint \frac{e^{32}}{2^{-\pi i}} d^{2} \qquad (a) \cdot |2-1| = 4$$

$$2 = \pi i \quad \text{verify} \quad |\pi i-1| = |\pi i| = 3.29 < 4$$

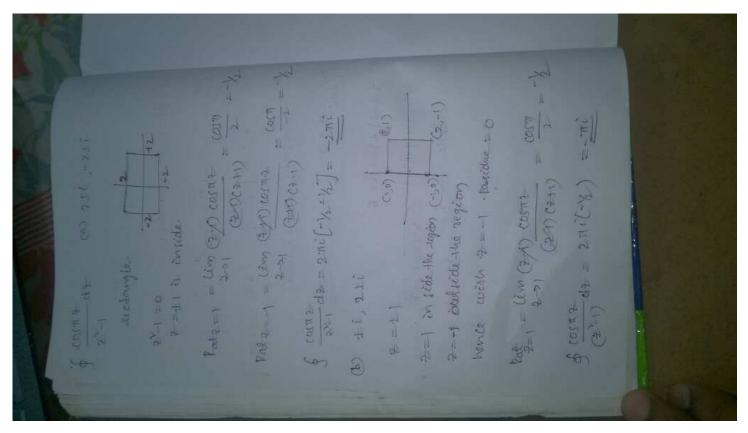
$$\oint \frac{e^{32}}{2^{-\pi i}} d^{2} = 2\pi i \left[\text{Pasione} \right]$$

$$\oint \frac{e^{32}}{2^{-\pi i}} d^{2} = 2\pi i \left[\frac{\text{Lim}}{2 + \text{mi}} \left(2 + \text{mi} \right) \right] = \frac{8^{2}}{2 + \text{mi}}$$

$$= 2\pi i \left[\frac{3\pi i}{2 + \text{mi}} \right] = 2\pi i \left[\frac{3\pi i}{2 + \text{mi}} \right]$$

$$\oint \frac{e^{32}}{2^{-\pi i}} d^{2} = 2\pi i \left[-1 + 0 \right] = -2\pi i$$
(b)
$$\frac{e^{32}}{2^{-\pi i}} d^{2} = 2\pi i \left[-1 + 0 \right] = -2\pi i$$
(c)
$$\frac{e^{32}}{2^{-\pi i}} d^{2} = 2\pi i \left[-1 + 0 \right] = -2\pi i$$

it is outside so 6 e 32 d2 = 0



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