3) $\int_{\partial G^+} e^x \cos y \, dy - e^x \sin y \, dx$

Stellas van Green: $\iint \left(\frac{\partial f_2}{\partial x} - \frac{\partial f_1}{\partial y} \right) dx \, dy$

$\frac{\partial f_2}{\partial x} = e^x \cos y$

$\frac{\partial f_1}{\partial y} = -e^x \cos y$

$\rightarrow \int_{-\pi}^{\pi} \int_{-2}^{2} \left(e^x \cos y + e^x \cos y \right) dx \, dy$

$= 0$