

# Scratch

March-03-14 8:14 AM

$$(n+2)^c - 2(n+1)^c + n^c = n^c \left[ \left(1 + \frac{2}{n}\right)^c - 2\left(1 + \frac{1}{n}\right)^c + 1 \right]$$

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$$\psi(x) = 1 \quad \partial_\psi := (\psi \otimes 1)_* \Delta$$

$$\begin{aligned} \partial_\psi(xa) &= (\psi \otimes 1)_*(x \otimes 1 + 1 \otimes x) \Delta(a) \\ &= (\psi \otimes x) \Delta(a) + a \\ &= x \partial_\psi(a) + a \end{aligned}$$

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I wish Bott was here to read BV.

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