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$$= A - B$$

$$= \frac{1}{2\Delta_{i}^{2}\sigma_{i}^{2}} \int_{0}^{\sigma_{i}\Delta_{i}} dt \, E_{2}[\sigma_{i}\Delta_{i}-t+t_{i}t^{2}], \, du = -dt$$

$$= \frac{1}{2\Delta_{i}^{2}\sigma_{i}^{2}} \int_{0}^{\sigma_{i}\Delta_{i}^{2}} du \, E_{2}[u]$$

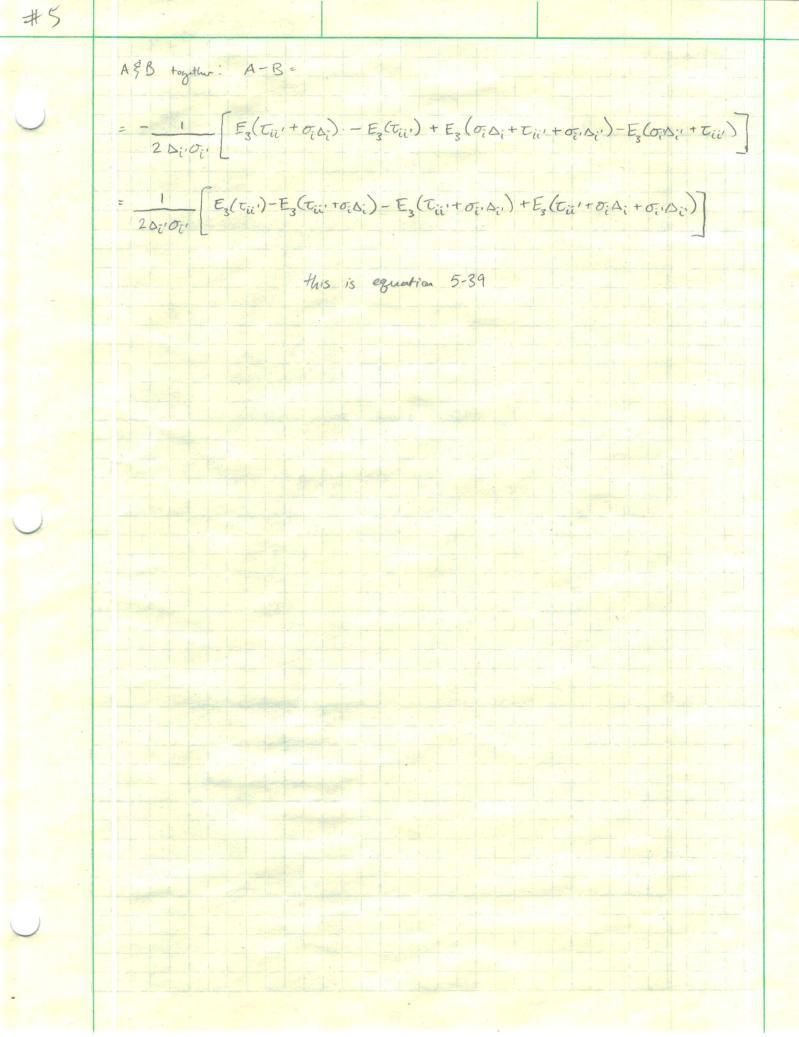
$$= \frac{1}{2\Delta_{i}^{2}\sigma_{i}^{2}} \int_{0}^{\sigma_{i}\Delta_{i}^{2}} du \, e^{-\Delta t} du \, e^{-\Delta t}$$

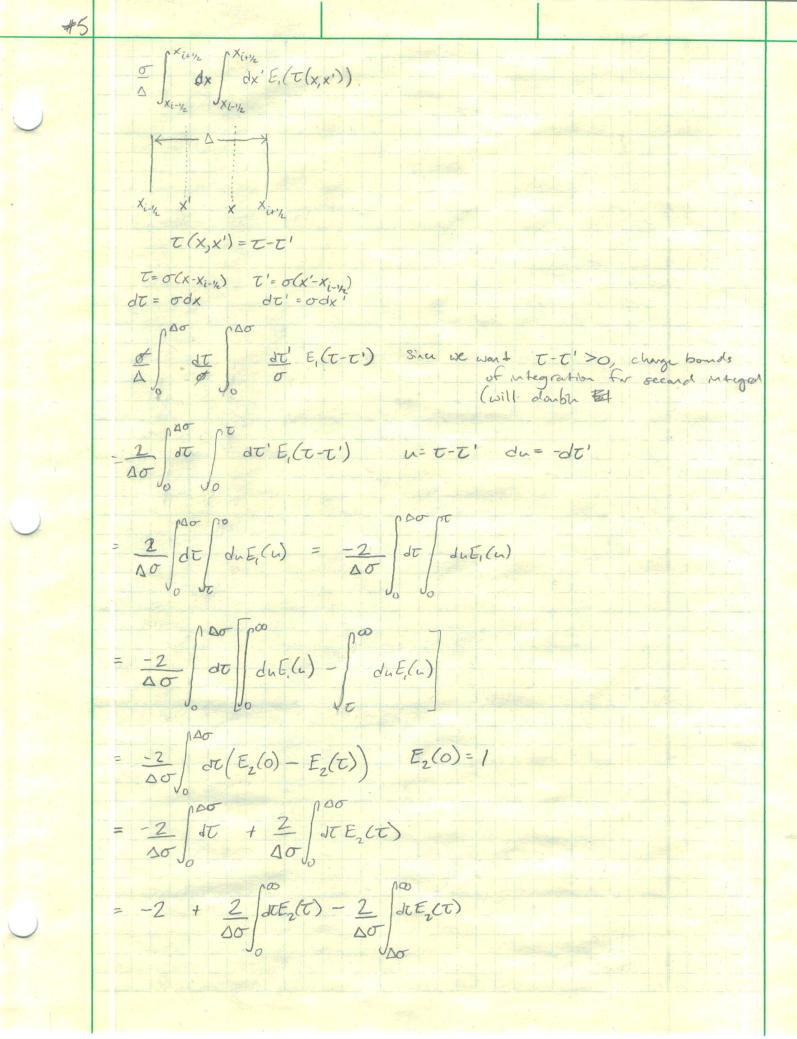
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=  $-2 + 2 E_3(0) - 2 E_3(\Delta 0) E_3(0) = 0.5$  $= -2 + 2 / 1 - E_3(\Delta \sigma)$ man does this ever look close!  $= -2 + \frac{1}{20} \left( 1 - 2E_3(\Delta \sigma) \right)$ added a 2x factor earler -2 - and of = 1 - 1 (1-2E3(DO))