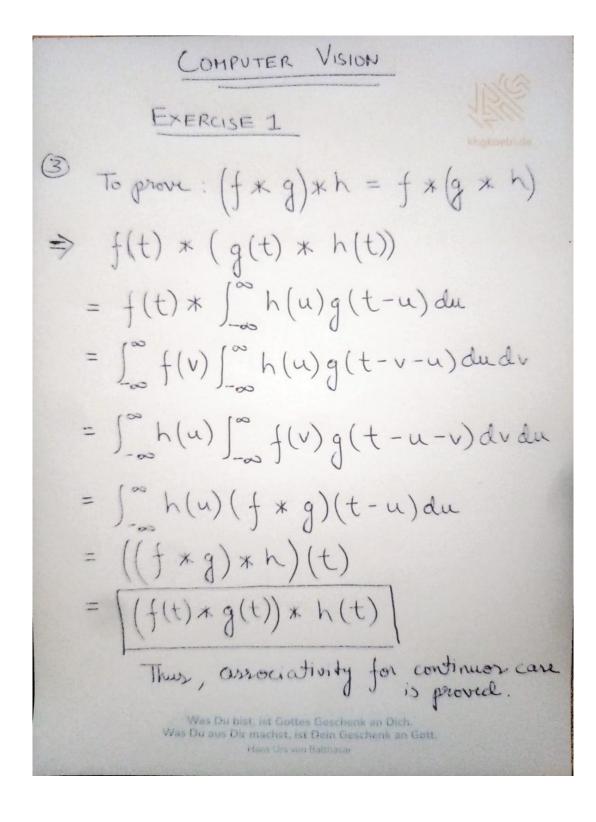
Computer vision

Sheet 01

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Q3



$$F(n) \neq G(n) \neq G(n) = F(n) \neq (G(n) \neq G(n))$$

$$\rightarrow G(n) \neq G(n) = \int G(n) \neq G(n) \neq G(n)$$

$$= \int \frac{1}{\sqrt{2\pi}\sigma} e^{-\frac{t^2}{2\sigma^2}} \frac{1}{\sqrt{2\pi}\sigma} e^{-\frac{t^2}{2\sigma^2}} \frac{1}{\sqrt{t^2}\sigma^2} e^{-\frac{t^2}{2\sigma^2}} \frac{1}{\sqrt{t^2}\sigma^2} e^{-\frac{t^2}{2\sigma^2}} \left(\frac{t^2}{\tau^2} + (n-t)^2\right) dt$$

$$= \frac{1}{2\pi \cdot \sigma^2} \int_{-\infty}^{+\infty} e^{-\frac{t^2}{2\sigma^2}} \left(\frac{t^2}{\tau^2} + (n-t)^2\right) dt$$

$$\frac{1}{2} + (x - t)^{2} = t^{2} + x^{2} - 2xt + t^{2} = 2t^{2} - 2xt + x^{2}$$

$$= 2t^{2} - 2xt + x^{2}$$

$$= 2t^{2} - 2xt + x^{2}$$

$$= \frac{2t^{2} - 2xt}{2\pi - 2} = \frac{x^{2}}{2\sigma^{2}} = \frac{x^{2}}{2\sigma^{2}} = \frac{x^{2}}{2\sigma^{2}} = \frac{x^{2}}{2\sigma^{2}} = \frac{x^{2}}{2\sigma^{2}} = \frac{x^{2}}{2\sigma^{2}} = \frac{x^{2} - x^{2}}{2\sigma^{2}} = \frac{x^{2} - x^{2}}{2\sigma^$$

$$= A e^{\frac{\pi^{2}}{6^{2}}} \int_{0}^{\infty} e^{\frac{\pi^{2}}{6^{2}}} (t - \frac{\pi}{2})^{2} dt = A e^{\frac{\pi^{2}}{6^{2}}} \int_{0}^{\infty} \frac{\pi}{6^{2}}$$

$$= A e^{\frac{\pi^{2}}{6^{2}}} \int_{0}^{\infty} e^{-\frac{\pi^{2}}{2}} (t - \frac{\pi}{2})^{2} dt = A e^{\frac{\pi^{2}}{6^{2}}} \int_{0}^{\infty} \frac{\pi}{6^{2}}$$

$$= A e^{\frac{\pi^{2}}{6^{2}}} \int_{0}^{\infty} e^{-\frac{\pi^{2}}{2}} \int_{0}^{\infty} e^{-\frac{\pi^{2}}{2}} e^{-\frac{\pi^{2}}{2}} \int_{0}^{\infty} e^{-\frac{\pi^{2}}{2}} e^{-\frac{\pi^{2}}{2}} \int_{0}^{\infty} e^{-\frac{\pi^{2}}{2}} e^{-\frac{\pi^{2}}{2}} e^{-\frac{\pi^{2}}{2}} \int_{0}^{\infty} e^{-\frac{\pi^{2}}{2}} e^{-\frac{\pi^{2}}{2}} e^{-\frac{\pi^{2}}{2}} \int_{0}^{\infty} e^{-\frac{\pi^{2}}{2}} e^{-\frac{\pi^{2}}{2}}$$