Advanced Mathematical Statistics: Assignment 2

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Problem 4.2.

- a) $f(x_1, x_2) = \frac{1}{2\pi\sqrt{1.5}} \times \exp\left\{-\frac{2}{3}\left[\left(\frac{x_1}{\sqrt{2}}\right)^2 + (x_2 2)^2 \left(\frac{x_1}{\sqrt{2}}\right)(x_2 2)\right]\right\}$
- b)
- c)
- Problem 4.3.
- Problem 4.4.
- Problem 4.5.
- Problem 4.6.
- Problem 4.7.
- Problem 4.10.
- Problem 4.11.
- Problem 4.12.
- Problem 4.13.
- Problem 4.14.
- Problem 4.15.
- Problem 4.16.
- Problem 4.17.
- Problem 4.18.
- Problem 4.19.
- Problem 4.20.
- Problem 4.21.