$P\{X_{ti} \leq \alpha_{i}, X_{t2} \leq \alpha_{2}, \dots, X_{tn} \leq \alpha_{n}\}$ $P\{X_{ti} \leq \alpha_{i}, X_{t2} \leq \alpha_{2}, \dots, X_{tn} \leq \alpha_{n}\}$ $P\{Z_{ten}\} \leq \alpha_{i}, \dots, X_{tn} \leq \alpha_{n}\} \leq \alpha_{n}\}$ $P\{Z_{ten}\} \leq \alpha_{i}, \dots, X_{tn} \leq \alpha_{n}\} \leq \alpha_{n}\} \qquad \text{one is not in } A$ $P\{Z \leq \alpha_{i}\} \leq \alpha_{i}, \dots, X_{tn} \leq \alpha_{n}\} \leq \alpha_{n}\} \qquad \text{one is } A$ $P\{Z \leq \alpha_{i}\} \leq \alpha_{i}, \dots, X_{tn} \leq \alpha_{n}\} \leq \alpha_{n}\} \qquad \text{one is } A$

fi: 1R1 = 1R

the Meson

Xe = = Zifice)

deine covariance funt

E[X+] = Ifice Flzi] = Îfice mi

Except Cov(Xe, Xs) = F[(Xe-me)(XJ. Zzs)]

FLANX

= F[XeXs] - MANSSTRAGEMS - MEMS

- ÎÎÎf:(6)f;(s) £[Z;Z;]

- \(\hat{\frac{1}{2}} \) \(\frac{1}{2} \) \(\

= \(\frac{1}{2} \

$$=\frac{1}{4\pi\beta}\left(\frac{1}{2\beta}\right)=\frac{1}{2\pi}$$

$$=\frac{1}{4\pi\beta}\left(\frac{1}{2\beta}\right)=\frac{1}{2\pi\beta^2}$$