

## **FQM-245 Theoretical and Applied Statistics and Operational Research**

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### **Research lines**

- Signal estimation based on uncertain observations using covariance information
- Modeling of Discrete Data Distribution theory
- Techniques for combining statistical results - Meta-analysis
- Serial representation of second-order stochastic processes Application to signal estimation and detection
- Study and application of multivariate techniques conducive to reducing the dimension of space around variables
- Construction of Bayesian networks
- Bayesian approximation to the theory of empirical verisimilitude
- Application of neural networks to detecting serial changes

### **Related services and products**

- [Solar performance monitoring procedure](#)

**Spanish website:** <https://bit.ly/2rPxHsw>