

RECEPTEURS NUMERIQUES AVANCEES



In brief

> **Ametys Code:** N8EN13

Presentation

Description

The first part of this teaching unit is dedicated to technics used to design telecommunication digital receivers: multirate digital receivers, digital filter banks, synchronization algorithms. These techniques will be used in the design of a DVB receiver. The second part of this teaching unit is dedicated to spread spectrum systems (CDMA, UWB, CSS): dimensioning, performances, associated receiver.