Simulation of Gravitational Wave's Stochastic Background
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- Virgo's SB code:
  - **Simulation,** Detection, Statistical characterization

Keypoints:
- Simulation with parametric and non parametric methods
  - Long streams of data without boundary artifacts
- Optional simulation of the complete tensor $h_{ab}(\vec{x}, t)$
  - Detector independent
  - Easy modeling of modulation effects
- Modelization of anisotropies
  - Combined effect of anisotropies and modulations
- Non Gaussian models

To be done:
- Astrophysically inspired models
- Scalar models