Polarization Measurement Analysis

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- Astrophysicists use polarization fraction and angles, rather that Stokes parameters
- Noise on Stokes parameters implies statistical bias on these derived quantities
- Large-scale variations of the polarization signal-to-noise ratio in Planck data over the sky
- \bullet Monte-Carlo exploration of the noise properties on the bias and variance of p and ψ

Probability distribution function in Q and U

Probability distribution function in p and ψ

