case ieee30:  $\hat{\theta}$  by meas. noise level  $-\theta_i$  true angles  $heta_i$  (radians)  $\sigma = 0.01$ , rel. err.=28.966%  $\sigma = 0.025$ , rel. err.=29.681% 0.0  $\sigma = 0.05$ , rel. err.=47.066% phase Voltage -0.6 -10 15 20 25 30 Bus Index i