case14:  $\hat{\phi}$  by meas. noise level 3 Current phase angles  $\phi_i$  (radians)  $\phi_i$  true  $\sigma = 0.01$ , rel. err.=2.43%  $\sigma = 0.025$ , rel. err.=2.43% --  $\sigma$  = 0.05, rel. err.=2.43% 5.0 10.0 2.5 7.5 12.5 Bus Index i