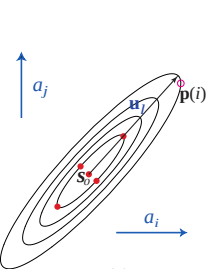


2-dim (i,j) rendition of d-dim ( $\sim 16$ ) PDF parameter space



(a)

Original parameter basis

contours of constant  $\chi^2_{\text{global}}$

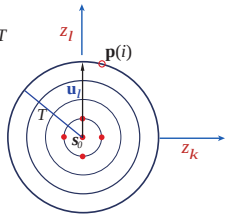
$u_l$ : eigenvector in the  $l$ -direction

$p(i)$ : point of largest  $a_i$  with tolerance  $T$

$s_0$ : global minimum

diagonalization and  
rescaling by  
the iterative method

- Hessian eigenvector basis sets



(b)

Orthonormal eigenvector basis