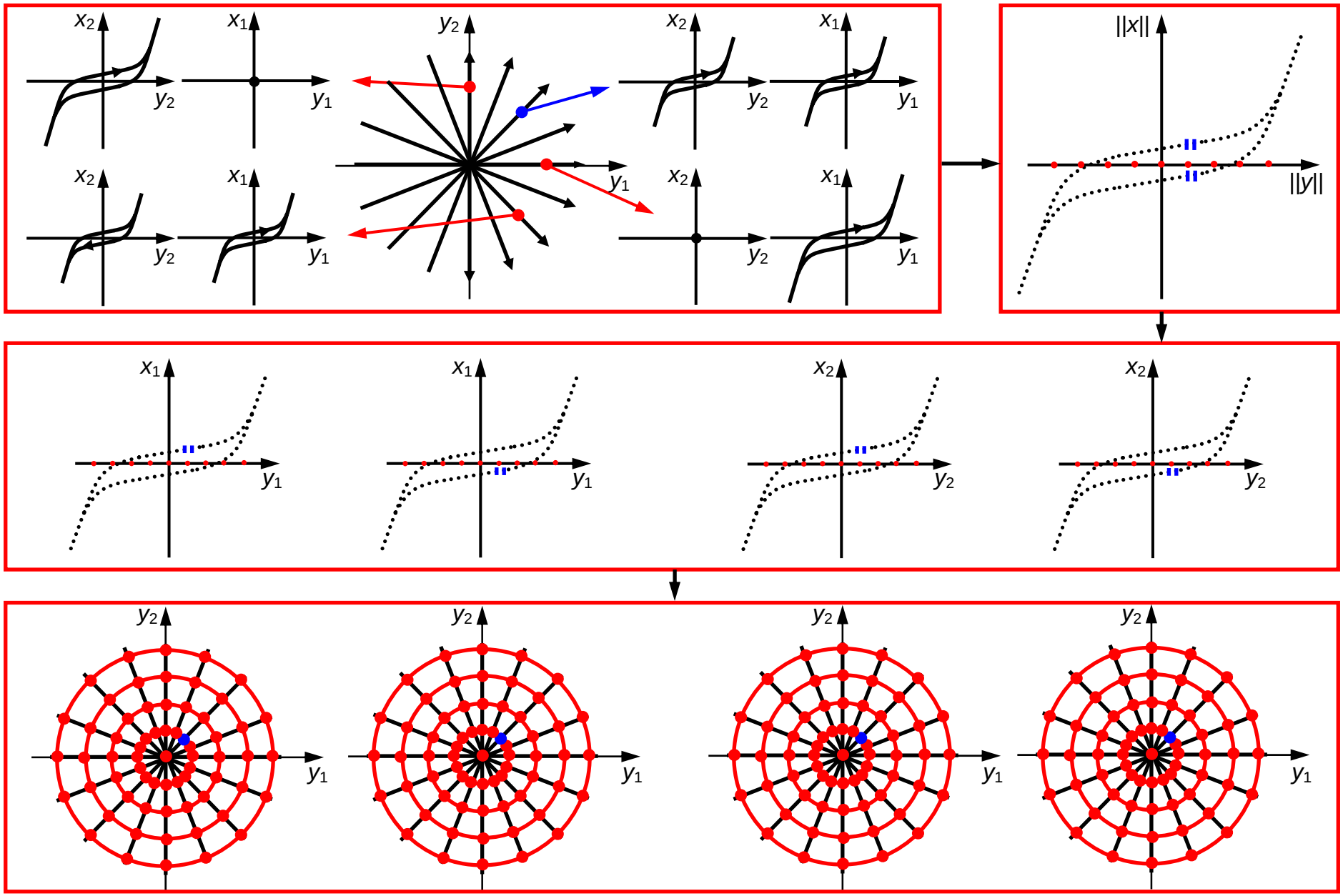
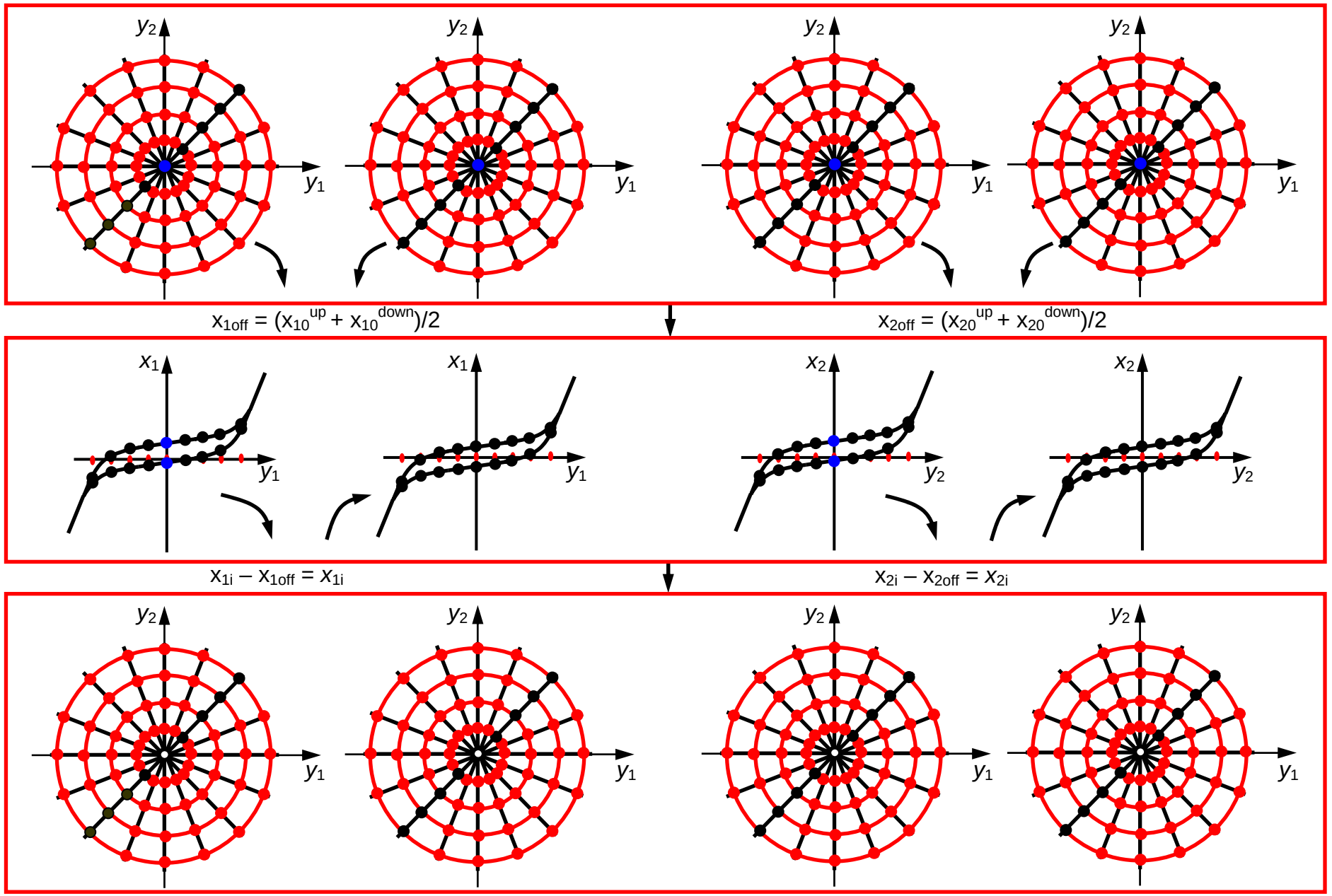
Design of Experiments
&
Data-Base Construction

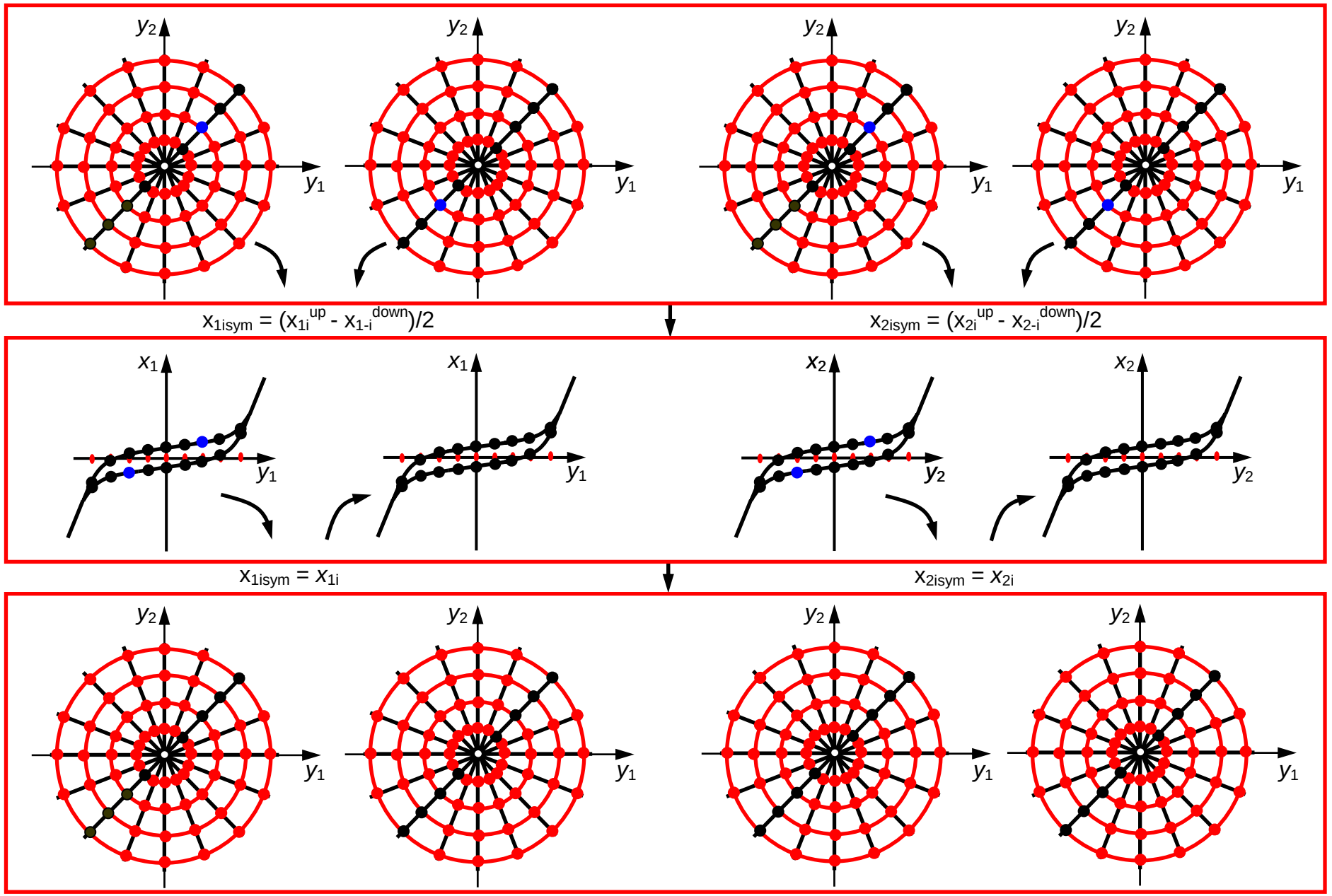
Mapping of alternating loop measurements on regular polar grids



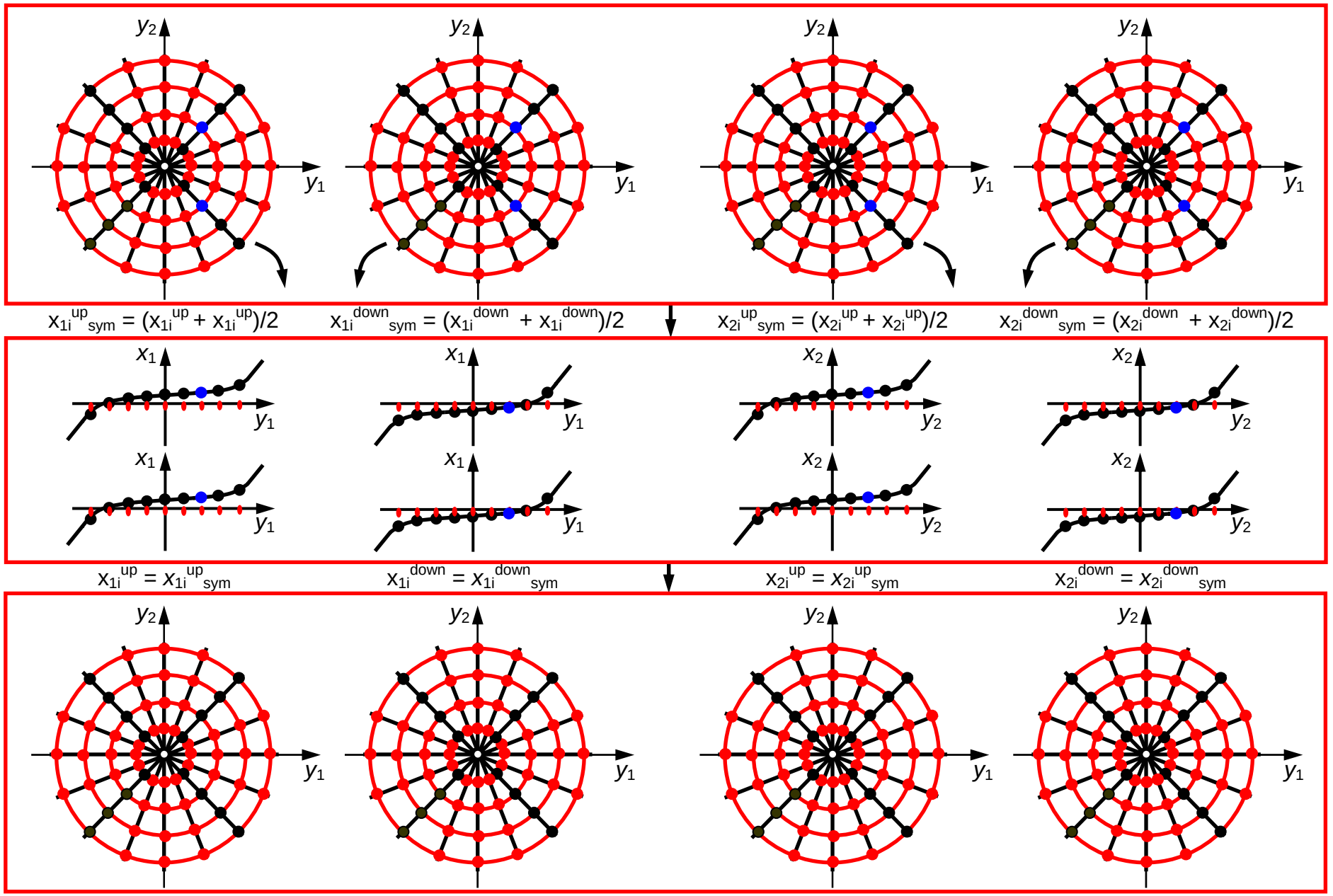
Offset compensation on regular polar grids

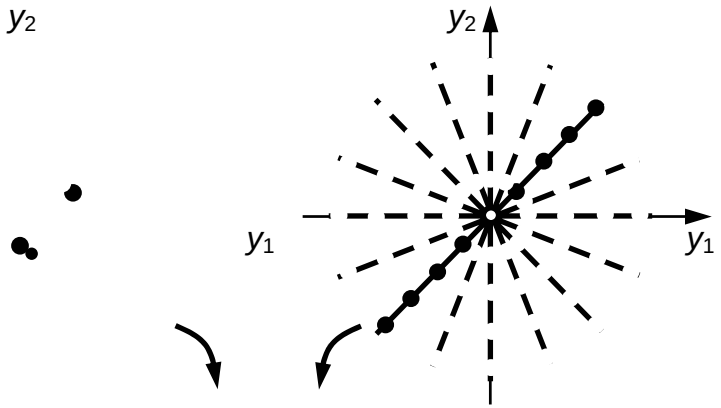


Point symmetrization on regular polar grids



Axis symmetrization on regular polar grids



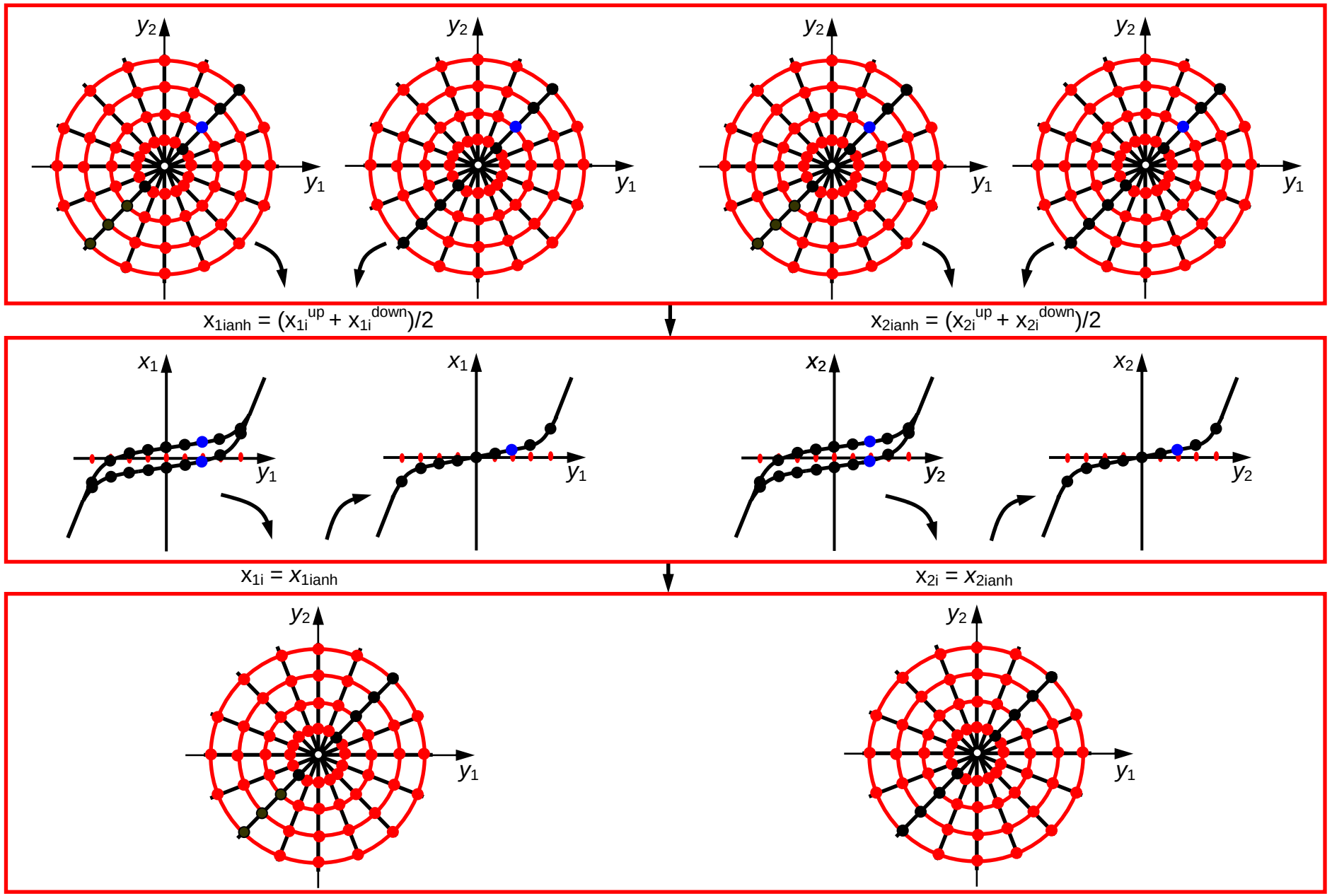


$$x^{down} = x_N^{down} + \Delta x_N^{down}/\Delta y_N \cdot (y - y_N)$$

$$y_{N+1} = y_N - (x_N^{up} - x_N^{down}) \cdot \Delta y_N/(\Delta x_N^{up} - \Delta x_N^{down}) \qquad y_{-(N+1)} = -y_{N+1}$$

$$x_{N+1} = x_N^{up} + \Delta x_N^{up}/\Delta y_N \cdot (y_{N+1} - y_N) \qquad x_{-(N+1)} = -x_{N+1}$$

Anhysteretic characteristic on regular polar grids



Coercitive field characteristic on regular polar grids