Steps for each component (h)

- Find scores for $Y(u_h)$
- 2) Use \mathbf{u}_h to find the loadings for \mathbf{X} (\mathbf{p}_h)
- Use $\mathbf{p_h}$ to find scores for \mathbf{X} ($\mathbf{t_h}$)
- Use \mathbf{t}_h to find \mathbf{Y} loadings (\mathbf{q}_h)
- 5) Use \mathbf{q}_h to calculate \mathbf{u}_h

Repeat until get convergence The scores vectors are related by:

$$\mathbf{u_h} = \mathbf{b_h} \mathbf{t_h} \; (\mathbf{U} = \mathbf{TB})$$

This allows us to relate **X** and **Y**:

$$Y = TBQ^t + F$$

