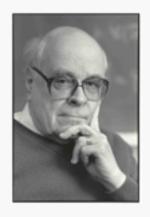# FDA VERSUS MULTIVARIATE STATISTICS

In FDA, one develops the theory on function spaces and not finite vectors, and discretizes the function only at the final step – compute implementation

Ulf Grenander: "Discretize as late as possible" (1924-2016)

Even after discretization, we retain the ability to interpolate resample as needed!

Components of Function Variability