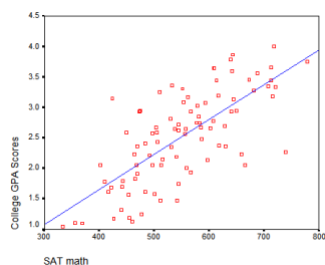
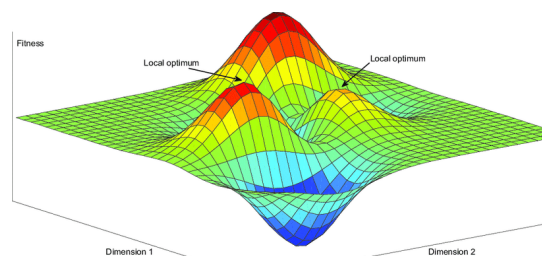


Least squares $A^T Ax = A^T b$.

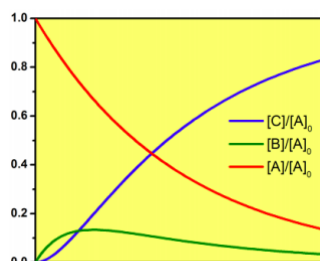


Optimization $\min_x f(x)$.



Eigenvalue problem $Ax = \lambda x$.

Differential equations $x'(t) = f(t, x(t))$.



Fast Fourier Transform $f_k = \sum_j f(x_j) e^{-ikx_j}$.

