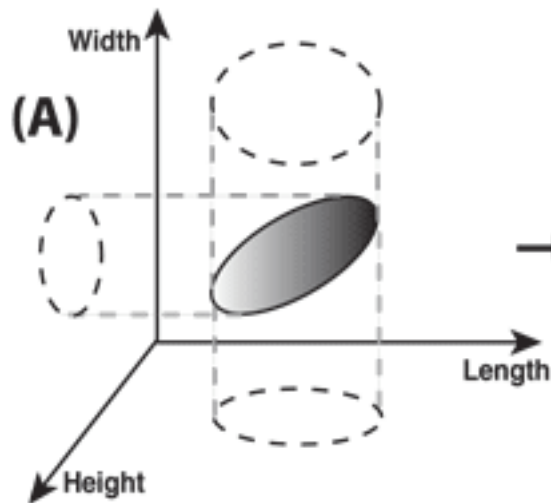
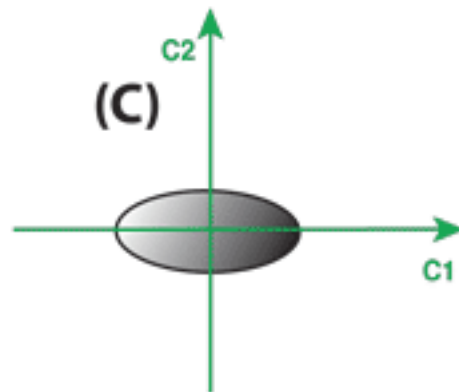
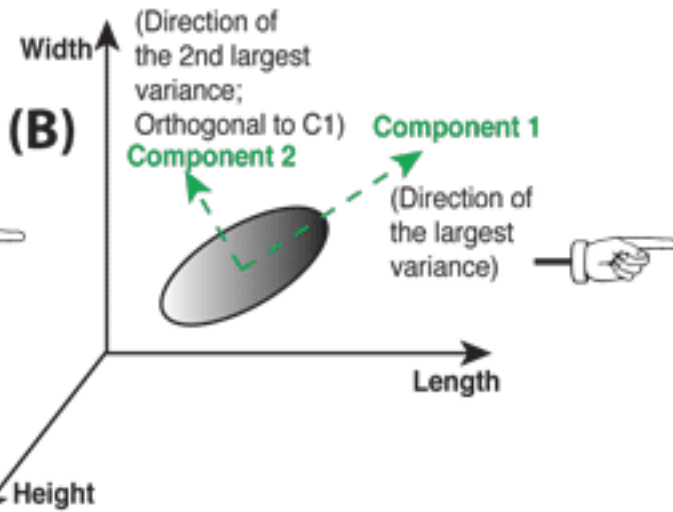


Principal component analysis is all about how to choose a good coordinate system



$\text{Data}(i) = f(L(i), W(i), H(i))$
[3-dimensional function]



$\text{Data}(j) = g(C1(j), C2(j))$
[2-dimensional function]