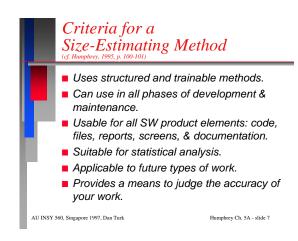
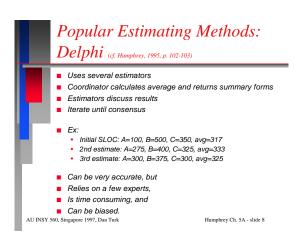
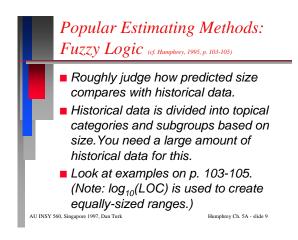


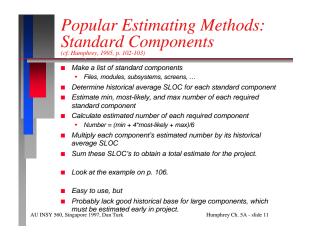
## Background (cf. Humphrey, 1995, p. 98-100) I "The tricky part of software size estimating is in characterizing the product elements and relating them to your historical experience." I The accuracy of any size-resource-cost model is "limited by the accuracy of the size estimates." So, even when you use an estimating model, you need an accurate size estimate." Models must be calibrated to the organizations which use them. Estimation errors can be very large, even 100% or more. Very few professionals (22% in JPL study) use size estimation to make cost estimates. Early project uncertainty makes it hard to accurately estimate SW size. PC, PI, and Objects may reduce this problem. AU INSY 560, Singapore 1997, Dan Turk Humphrey Ch. 5A - slide 6



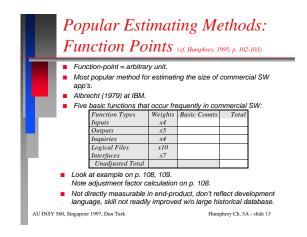


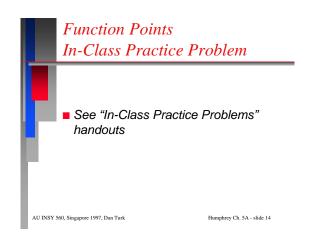


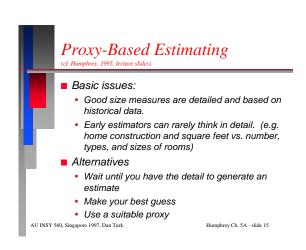


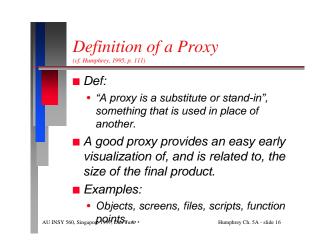




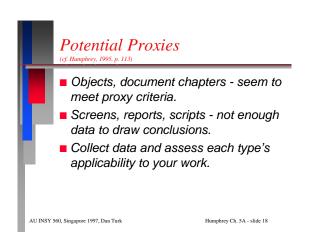


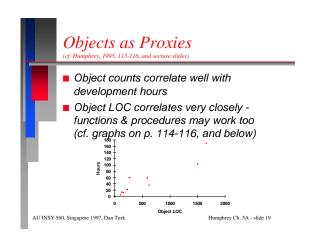


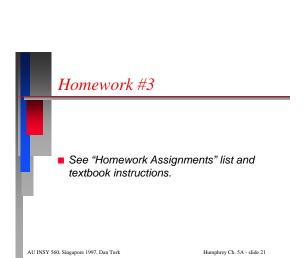












## General Proxy Choice and Use Process (cf. Humphrey, 1995, 113-117) Collect data on proxy Correlate proxy with total product LOC and development hours If good correlation then it is a potential proxy Divide into categories and size ranges (as in Fuzzy-Logic method) Estimate based on assessment of similar categories and sizes Best to normalize object LOC to average method LOC

Look at examples on p. 117.

AU INSY 560, Singapore 1997, Dan Turk

Humphrey Ch. 5A - slide 20