	12.540 Principles of the Global Positioning System Lecture 10	
	Prof. Thomas Herring	
03/12/03	12.540 Lec 10	1



	Basic concepts	
 Basic probled data that are ground recerning the receiver What do we what do we Inferring part estimation 	em: We measure range e related to the position iver, satellites and othe determine the "best" po and other quantities. mean by "best" estima rameters from measure	e and phase ns of the er quantities. osition for ate? ements is
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Sur	nmary	
 Examined simple lea least squares Examined probability Next we pose estima work 	st squares and weighted distributions tion in a statistical frame	1
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