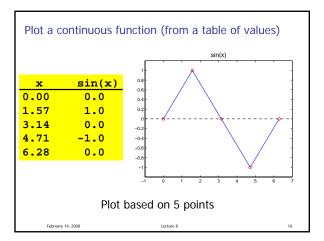
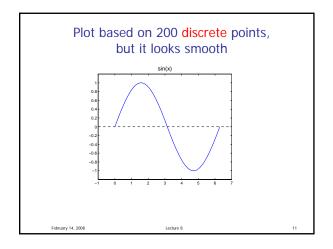


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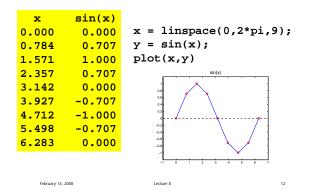
At a velocity of 1700 m/s, missed target by more than 500 meters!

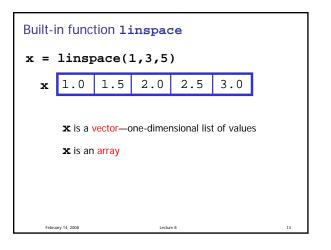
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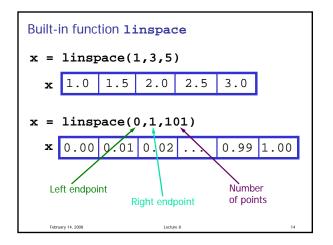


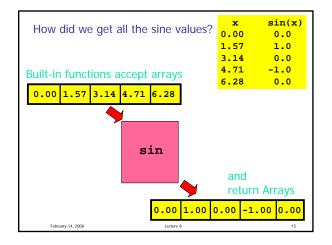


Generating tables and plots

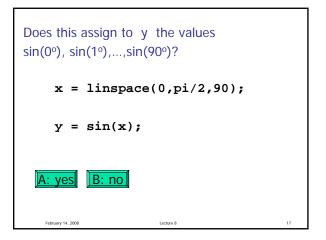


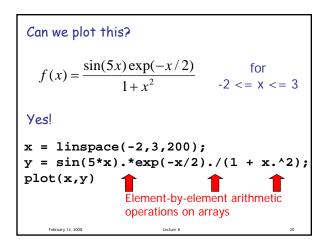






Examples	
<pre>x = linspace(0,1,200);</pre>	
y = exp(x);	
<pre>plot(x,y)</pre>	
x = linspace(1,10,200);	;
y = log(x);	
plot(x,y)	
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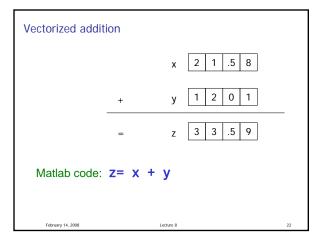


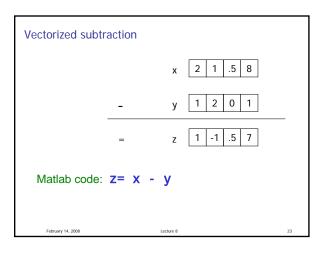
Element-by-element arithmetic operations on arrays Also called "vectorized code"

x = linspace(-2,3,200); y = sin(5*x).*exp(-x/2)./(1 + x.^2);

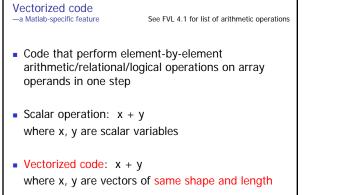
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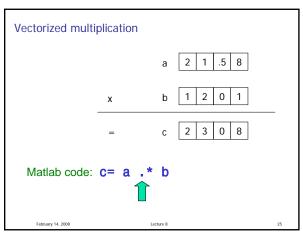


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Vectorized element-by-element arithmetic operations on arrays	
A dot (.) is necessary in front of these math operators	
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