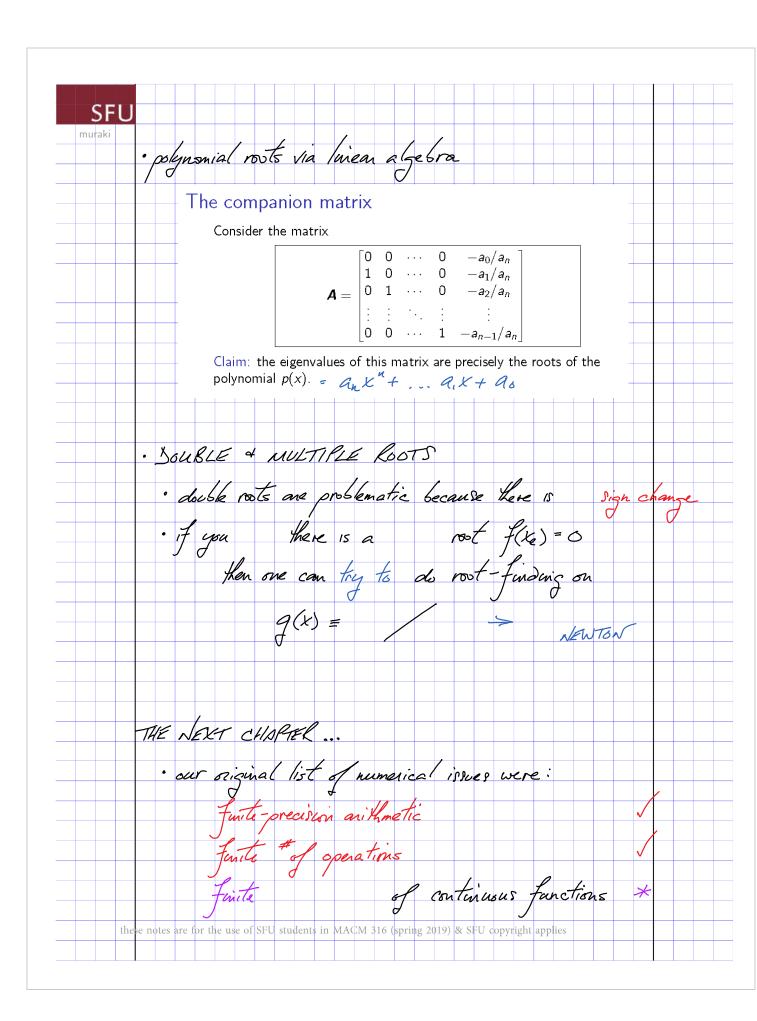
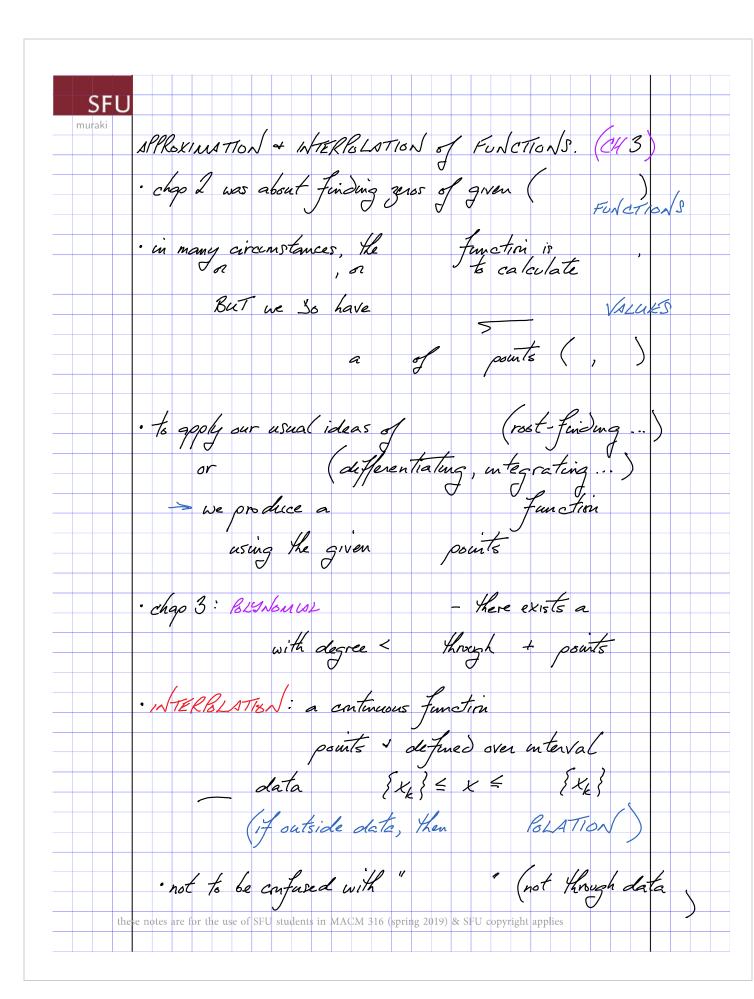
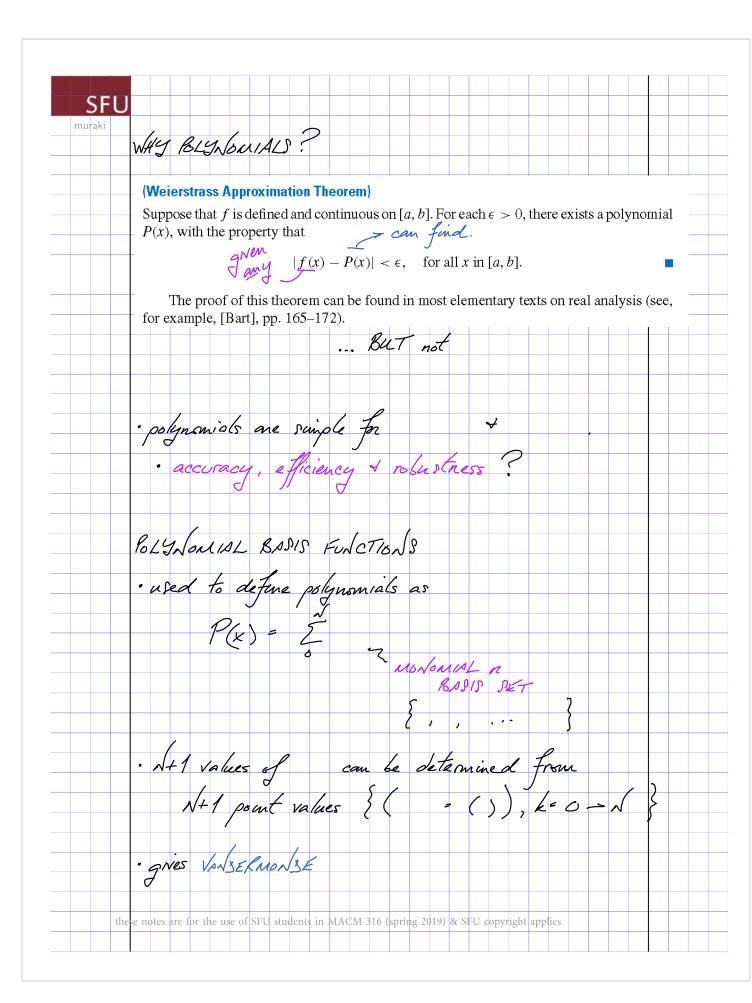
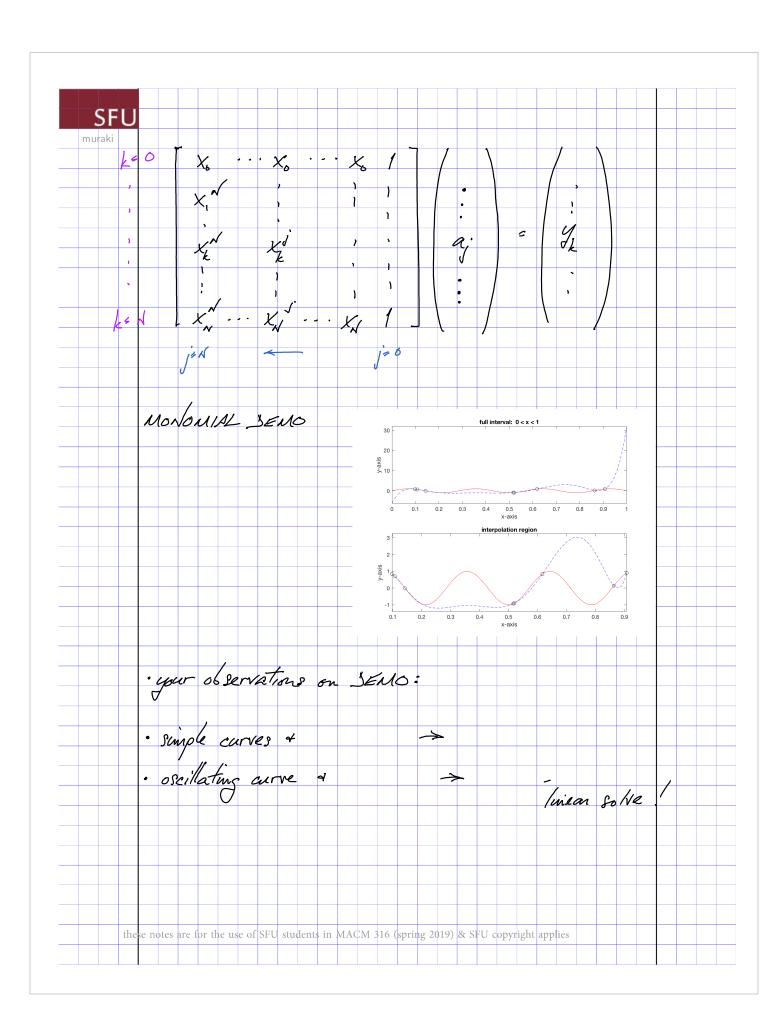
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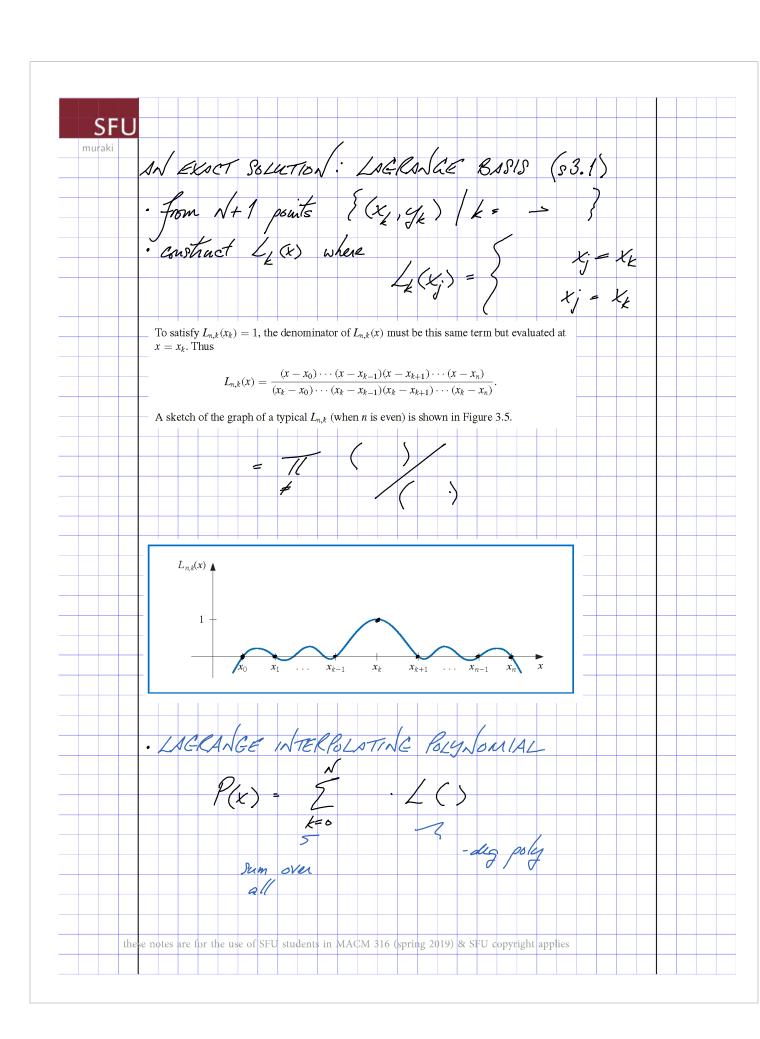
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muraki	fzero											R20	10	
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	Syntax													
	x = fzero(fun	v0)												
	x = fzero(fun	50 000 000 000												
	x = fzero(prol	blem)												
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	[x,fval,exitf	lag,output] =	Tzero(	_,										
	Description													
	x = fzero(fun,x)	0) tries to find a p	oint x whe	ere fun(x) =	0. This solu	tion is whe	ere fun(	x) chan	ges sign—	fzero		exa	ample	
	cannot find a root of						•							
	x = fzero(fun,x	0,options) use	s option	s to modify the	solution pro	cess.							ample	
	x = fzero(proble												ample	
	[x,fval,exitfla							ag enco	ding the re	eason		exa	ample	
	1 Zer o stopped, and	an output structu	e containi	ng information	on the solut	on proces	j.				1			
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		<pre>exitf integer</pre>		eger encoding	the exit con	dition								
		- Integer												
		Integer encod	ing the exit	condition, mea	ining the reas	on fzero	stopped its	s iteratio	ns.					
		1		Function conve										
		-1 -3		Algorithm was t						Loontoin	ina a sia	n change		
		-3 NaN or Inf function value was encountered while searching for an interval containing a sign c -4 Complex function value was encountered while searching for an interval containing a sign or											z	
		-5 Algorithm might have converged to a singular point.												
		-6		fzero did not o	letect a sign ch	ange.								
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