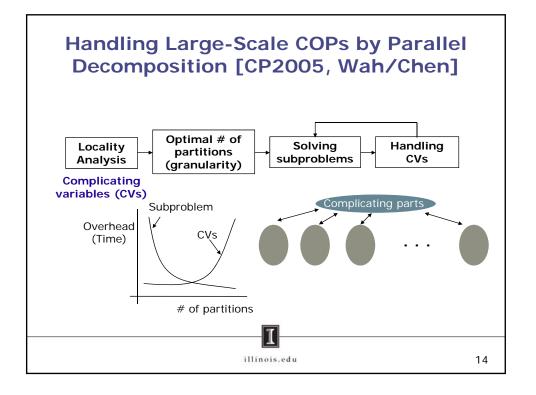
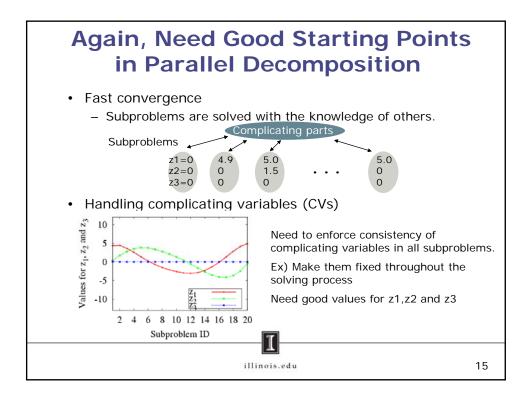


Illustration on Performance of Approach										
Name	Nc	Nv	Ns	Tech	Solver	Default Time Sol			Proposed	Sal
	3717 (3481)	7198	514	В	Conopt	f	Sol f	Sptime 5.61	Time 27.26	Sol 0.08
Ex4					Ipopt	1.36	0.08	1.71	1.77	0.08
					Knitro	1.42	0.08	1.64	1.17	0.08
					Snopt	130.40	0.08	8.31	8.16	0.08
cont5_ 2_4	40200 (200)	40400	131	В	Conopt	152.80	0.07	3.02	55.36	0.07
					Ipopt	208.18	0.07	2.90	148.26	0.07
					Knitro	483.15	0.07	29.78	257.17	0.07
					Snopt	f	f	2.96	2180.97	0.07
	For S	SNOPT,	even a	good s	tarting	point is	not go	od eno	ugh.	
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	Name		Nc		N∨	Ns	Tech			
or		thrgds	5000(5000	D) 10	0003	5,10,20	А			
		ukvli7	4(4)	50	0000	52,502	В			
Name	Solver	Default w/o partitioning		Propos	sed w∕o p	artitioning	Proposed		sed w/ pa	artitioning
	Solver	Time	Sol	sp Time	Time	Sol	Np	Itr	Time	Sol
orthrgds	Conopt	439.41	5585.15	0.99	178.75	1523.90	25	9	131.50	2586.6
	Ipopt	3.15	1523.90	1.25	1.75	1523.90	2	1	2.96	1523.90
	Knitro	9.19	1776.23	1.50	1.75	1523.90	2	1	3.28	1523.90
	Snopt	f	f	1.12	f	f	20	1	18.58	1543.2
lukvli7	Conopt	35.71	62521.38	7.13	4.93	42643.98	5	1	12.48	-20731.6
	Ipopt	7.57	-18633.85	4.01	11.59	-18633.85	2	1	5.49	-20731.6
	Knitro	43.49	-18633.85	5.10	10.22	-18633.85	2	1	4.94	-20731.6
	Snopt	1966.72	-18633.85	139.74	1471.94	-18633.85	5	1	601.45	-20731.6

