

multiply A*x				
	#threads for 328833 nodes			
	1	2	4	8
t_C	6.08e-02	3.36e-02	2.43e-02	2.53e-02
t_{Px}/t_C	0.6234	0.6619	0.6526	0.6472
t_{Pxy}/t_C	0.6154	0.6667	0.6635	0.6644
t_{Prcm}/t_C	0.5867	0.6502	0.6487	0.6444
t_{PBrcm}/t_C	0.5997	0.6455	0.6531	0.6686
Gauss-Seidel fwd				
	#threads for 328833 nodes			
	1	2	4	8
t_C	6.35e-02	6.28e-02	6.27e-02	6.31e-02
t_{Px}/t_C	0.6168	0.6193	0.6134	0.6097
t_{Pxy}/t_C	0.6088	0.6211	0.6203	0.6293
t_{Prcm}/t_C	0.5803	0.5896	0.5998	0.5800
t_{PBrcm}/t_C	0.5917	0.5958	0.5977	0.5999
Gauss-Seidel bwd				
	#threads for 328833 nodes			
	1	2	4	8
t_C	7.65e-02	7.56e-02	7.57e-02	7.60e-02
t_{Px}/t_C	0.6199	0.6233	0.6157	0.6121
t_{Pxy}/t_C	0.6120	0.6234	0.6223	0.6199
t_{Prcm}/t_C	0.5767	0.5861	0.5965	0.5756
t_{PBrcm}/t_C	0.5891	0.5931	0.5935	0.5962

multiply A*x				
	#threads for 1050625 nodes			
	1	2	4	8
t_C	2.09e-01	1.12e-01	8.14e-02	8.99e-02
t_{Px}/t_C	0.5590	0.6210	0.6175	0.5885
t_{Pxy}/t_C	0.5671	0.6236	0.6178	0.5703
t_{Prcm}/t_C	0.5362	0.5985	0.6222	0.5812
t_{PBrcm}/t_C	0.5556	0.6117	0.6121	0.5764
Gauss-Seidel fwd				
	#threads for 1050625 nodes			
	1	2	4	8
t_C	2.16e-01	2.15e-01	2.15e-01	2.15e-01
t_{Px}/t_C	0.5581	0.5626	0.5732	0.5625
t_{Pxy}/t_C	0.5666	0.5666	0.5985	0.5651
t_{Prcm}/t_C	0.5349	0.5320	0.5321	0.5519
t_{PBrcm}/t_C	0.5535	0.5614	0.5493	0.5528
Gauss-Seidel bwd				
	#threads for 1050625 nodes			
	1	2	4	8
t_C	2.60e-01	2.59e-01	2.58e-01	2.58e-01
t_{Px}/t_C	0.5372	0.5399	0.5512	0.5400
t_{Pxy}/t_C	0.5736	0.5722	0.5972	0.5718
t_{Prcm}/t_C	0.5310	0.5250	0.5299	0.5490
t_{PBrcm}/t_C	0.5474	0.5421	0.5440	0.5412