Benchmark	Data set	Row (Node*)	Column (Dimension*)	Max. # nonzero per row
Nearest Neighbor*	Large	131072	128	
	Normal	1024	2048	
	Small	32	32	
Matrix Multiply	Large	4096	4096	
	Normal	1024	1024	
	Small	64	64	
Kmeans*	Large	891	2048	
	Normal(KDD cup)	494020	36	
	Small	256	256	
Spare Matrix Vector Multiply	bcsstk18	11948	11948	32
	e40r000	17281	17281	62
	bcsstk31	35588	35588	197
	bcsstk32	44609	44609	215
	s3dkq4m2	90449	90449	59
	conf6.0-0018x8- 8000	49152	49152	39
	cant	62451	62451	78
	consph	83334	83334	78
	cop20k_A	121192	121192	81
	mac_econ	206500	206500	44
	mc2depi	525825	525825	4
	pdb1HYS	36417	36417	162