NonSymmetric				GF 650 Ti/CPU		Symetric					
	tolerance	iterates	res_norm	duration, ms	covered		tolerance	iterates	res_norm		covered
CUSP_CG	1.00E-04	410	3.52E-05	1652	*	CUSP_CG	1.00E-04	455	1.46E-07	1821	yes
CUSP_BiCG	1.00E-04			2281		CUSP_BiCG	1.00E-04	458	1.30E-07	2510	
CUSP_BiCGStab	1.00E-04	2000	inf	14678	no	CUSP_BiCGStab	1.00E-04	5000		35458	no
CUSP_CR	1.00E-04	399	3.44E-05	1583	yes	CUSP_CR	1.00E-04	395	1.56E-07	1536	yes
CUSP_GmRes	1.00E-04	494	3.55E-05	9135	yes	CUSP_GmRes	1.00E-04	713	1.58E-07	12841	yes
CUDA CG	1.00E-04	341	9.43E-05	540	ves	CUDA CG	1.00E-04	99	9.10E-05	158	VAS
CUDA BICGSTAB	1.00E-04		3.43L-03	107000		CUDA BICGSTAB	1.00E-04		3.10L-03	107000	
CODA_DICGGTAB	1.002-04			107000	110	CODA_BICGSTAB	1.002-04			107000	yes
MKL CG	1.00E-04	98	1.20E-05	549	ves	MKL_CG	1.00E-04	196	2.50E-10	528	ves
MKL PCG	1.00E-04		1.12E-08	8900		MKL_PCG	1.00E-04	771	9.20E-10		
MKL GmRes	1.00E-04			2797	•	MKL GmRes	1.00E-04	395	3.98E-04		
MKL PGMRes	1.00E-04	5000			no	MKL PGMRes	1.00E-04	1950	4.00E-04	29962	
MKL CG likeCUSP	1.00E-04			1246	yes	MKL CG likeCUSP	1.00E-04	453	1.59E-07	1353	
MKL CG likeDelFEM	1.00E-04			1218		MKL CG likeDelFEM	1.00E-04	452	1.59E-07	1314	
		7.00						.02		.271	•
Eigen_CG	1.00E-04	5000	1.26E-02	16230	no	Eigen_CG	1.00E-04	4248	1.60E-07	13805	yes
Eigen_PCG	1.00E-04	1	2.45E-06	8806	yes	Eigen_PCG	1.00E-04	2	1.90E-08	9782	yes
Eigen_BiCGSTAB	1.00E-04	5000	6.70E+01	32630	no	Eigen_BiCGSTAB	1.00E-04	5000	3.60E-07	49000	no
Eigen_PBiCGSTAB	1.00E-04	1	1.29E-06	9076	yes	Eigen_PBiCGSTAB	1.00E-04	2	1.40E-09	10062	yes
Eigen_LSCG	1.00E-04	924	3.52E-05	6190	yes	Eigen_LSCG	1.00E-04	1094	1.60E-07	7317	yes
Eigen_LU				13179	yes	Eigen_LU				9886	yes
Eigen_LLT					no	Eigen_LLT			5.70E-14	5314	yes
Eigen_LDLT			9.00E-01	5086	yes	Eigen_LDLT			5.70E-14	5657	yes
Gmm_CG	1.00E-04			991	yes	Gmm_CG	1.00E-04	459	1.40E-07	1092	
Gmm_BiCGSTAB	1.00E-04				no	Gmm_BiCGSTAB	1.00E-04	5000			no
Gmm_GmRes	1.00E-04			2662	*	Gmm_GmRes	1.00E-04	713	1.59E-07	3493	
Gmm_QMR	1.00E-04			1995		Gmm_QMR	1.00E-04	391	1.54E-07	2393	
Gmm_LSCG	1.00E-04		3.51E-05	158	yes	Gmm_LSCG	1.00E-04	63	1.43E-07		
Gmm_PCG_ALL	1.00E-04				no	Gmm_PCG_Diag	1.00E-04	4235	1.60E-07	54805	
Gmm_PBiCGSTAB_All	1.00E-04				no	Gmm_PCG_ILU	1.00E-04				no
Gmm_PGmRes_All	1.00E-04				no	Gmm_PCG_ILUt	1.00E-04				no
Gmm_PQMR_All	1.00E-04				no	Gmm_PCG_lldlt	1.00E-04				no
						Gmm_PBiCGSTAB_All	1.00E-04				no
						Gmm_PGmRes_Diag	1.00E-04	99	2.74E-07	1627	yes
						Gmm_PGmRes_Other	1.00E-04				no
						Gmm_PQMR_Diag	1.00E-04	3454	1.60E-07	93611	yes
						Gmm_PQMR_Other	1.00E-04				no
MTL_CG	1.00E-04	410	3.52E-05	1725	yes	MTL_CG	1.00E-04	459	1.30E-07	2304	yes
MTL BiCG	1.00E-04	389		4018	*	MTL BiCG	1.00E-04	453	1.59E-07	5146	
MTL BICGSTAB	1.00E-04			41628		MTL BICGSTAB	1.00E-04	5000		42000	

NonSymmetric				GF 650 Ti/CPU		Symetric					
	tolerance	iterates	res_norm	duration, ms	covered		tolerance	iterates	res_norm	duration, ms	covered
MTL_BiCGSTAB2	1.00E-04	22	3.49E-06	376	yes	MTL_BiCGSTAB2	1.00E-04	30	1.96E-08	514	yes
ITL_BICGSTAB_ELL	1.00E-04	22	3.49E-06	398	yes	MTL_BiCGSTAB_ELL	1.00E-04	30	1.96E-08	545	yes
ITL_CGS(like LSCG)	1.00E-04	450	1.50E-05	3933	yes	MTL_CGS(like LSCG)	1.00E-04	548	3.49E-08	4851	yes
ITL_GmRes	1.00E-04	5000		35893	no	MTL_GmRes	1.00E-04	5000		39516	no
ITL_QMR	1.00E-04	967	7.92E-06	12521	yes	MTL_QMR	1.00E-04	5000		66880	no
MTL_TFQMR	1.00E-04	474	2.72E-05	6686	yes	MTL_TFQMR	1.00E-04	416	1.54E-07	6119	yes
ITL_PCG_Diagonal	1.00E-04	5000		23517	no	MTL_PCG_Diagonal	1.00E-04	4232	1.60E-07	20620	yes
MTL_PCG_ILU0	1.00E-04	5000		43893	no	MTL_PCG_ILU0	1.00E-04	3084	1.58E-07	28355	yes
MTL_PCG_IC	1.00E-04	5000		41741	no	MTL_PCG_IC	1.00E-04	5000		46213	no
MTL_PBiCG_Diagonal	1.00E-04	5000		51953	no	MTL_PBiCG_Diagonal	1.00E-04	5000		58117	no
MTL_PBiCG_ILU0	1.00E-04	5000		104123	no	MTL_PBiCG_ILU0	1.00E-04	5000		114947	no
MTL_PBiCG_IC	1.00E-04	5000		90485	no	MTL_PBiCG_IC	1.00E-04	5000		97803	no
TL_PBiCGStab_Diagon	1.00E-04	5000		42090	no	MTL_PBiCGStab_Diagor	1.00E-04	5000		46590	no
MTL_PBiCGStab_ILU0	1.00E-04	5000		79993	no	MTL_PBiCGStab_ILU0	1.00E-04	5000		86632	no
MTL_PBiCGStab_IC	1.00E-04	5000		81025	no	MTL_PBiCGStab_IC	1.00E-04	5000		85896	no
TL PBiCGStab2 Diago	1.00E-04	142	3.23E-05	2441	yes	MTL PBiCGStab2 Diago	1.00E-04	97	1.56E-07	1749	yes
MTL_PBiCGStab2_ILU0	1.00E-04	5000		165199	no	MTL_PBiCGStab2_ILU0	1.00E-04	4662	1.38E-07	161969	yes
ITL PBiCGStab2 IC	1.00E-04	5000		164640	no	MTL PBiCGStab2 IC	1.00E-04	5000		178042	no
TL_PCGS_Diagonal	1.00E-04			42484		MTL_PCGS_Diagonal	1.00E-04	4947	5.00E-08	46717	ves
ITL PCGS ILU0	1.00E-04			80815		MTL_PCGS_ILU0	1.00E-04	5000		89000	
TL PCGS IC	1.00E-04	5000		81391		MTL PCGS IC	1.00E-04	5000		87394	
ITL_PGmRes_Diagonal	1.00E-04			66495		MTL_PGmRes_Diagonal	1.00E-04	5000		70285	
ATL_PGmRes_ILU0	1.00E-04			86547		MTL_PGmRes_ILU0	1.00E-04	5000		92159	
MTL PGmRes IC	1.00E-04			88600		MTL PGmRes IC	1.00E-04	5000		93247	
MTL PQMR Diagonal	1.00E-04			63070		MTL_PQMR_Diagonal	1.00E-04	5000		65550	
MTL PQMR ILU0	1.00E-04			116860		MTL_PQMR_ILU0	1.00E-04	5000		122808	
MTL PQMR IC	1.00E-04			101235		MTL_PQMR_IC	1.00E-04			108292	no
MTL_PTFQMR_Diagonal				70723		MTL_PTFQMR_Diagona		1801	5.73E-08	27424	ves
MTL_PTFQMR_ILU0	1.00E-04			109936		MTL_PTFQMR_ILU0	1.00E-04	5000		115915	
MTL PTFQMR IC	1.00E-04			110936		MTL PTFQMR IC	1.00E-04	5000		108455	
		0000						0000		100.00	
/iennaCL(VCL)						ViennaCL(VCL)					
CL CG	1.00E-04	547	3.54E-05	1523	Ves	VCL CG	1.00E-04	458	1.57E-07	1282	Ves
/CL BICGSTAB	1.00E-04		0.012 00	28360		VCL BICGSTAB	1.00E-04	5000		27862	_
CL GmRes	1.00E-04		3.43E-05	4061		VCL GmRes	1.00E-04	1820		7580	
		012	552 00	7001	,			7020		. 000	,
CL PCG ILU0	1.00E-04	5000		52801	no	VCL_PCG_ILU0	1.00E-04	300	1.45E-05	3914	ves
CL_PCG_ILUt	1.00E-04		3.61E-01	10065		VCL_PCG_ILUt	1.00E-04	1		7113	
CL PCG ICHOL0	1.00E-04		3.31E-01	59973		VCL PCG ICHOL0	1.00E-04	5000		59959	no
CL_PCG_ICHOLU	1.00E-04 1.00E-04		2.26E-02	3758		VCL PCG BLK ILU0	1.00E-04 1.00E-04	3726		21933	110
CL_PCG_BLK_ILOU	1.00E-04 1.00E-04		2.201-02	17177		VCL_PCG_BLR_ILOU VCL PCG Diag	1.00E-04 1.00E-04	1524		5130	
CL_PCG_Diag CL PCG Jacobi	1.00E-04 1.00E-04			16722			1.00E-04 1.00E-04	1763		5873	
CL_PCG_Jacobi CL PBiCGSTAB ILU0						VCL_PCG_Jacobi		5000		102780	_
CL_PBICGSTAB_ILUU	1.00E-04 1.00E-04			103540 102683		VCL_PBiCGSTAB_ILU0	1.00E-04 1.00E-04	5000		102780 67478	
						VCL_PBiCGSTAB_ILUt					
CL_PBICGSTAB_ICHO				118687		VCL_PBICGSTAB_ICHC		5000		118275	no
CL_PBiCGSTAB_BLK_I	1.00E-04	5000		56922	no	VCL_PBiCGSTAB_BLK_	1.00E-04	5000		56641	по

NonSymmetric				GF 650 Ti/CPU		Symetric					
	tolerance	iterates	res_norm	duration, ms	covered		tolerance	iterates	res_norm	duration, ms	covered
VCL_PBiCGSTAB_Diag	1.00E-04	1102	3.66E-03	7280	yes	VCL_PBiCGSTAB_Diag	1.00E-04	1844	1.15E-06	12136	yes
VCL_PBiCGSTAB_Jacob	1.00E-04	1304	2.76E-03	8635	yes	VCL_PBiCGSTAB_Jacob	1.00E-04	1880	8.74E-07	12388	yes
VCL_PGmRes_ILU0	1.00E-04	5000		69217	no	VCL_PGmRes_ILU0	1.00E-04	5000		69942	no
VCL_PGmRes_ILUt	1.00E-04	1	3.67E-01	10122	yes	VCL_PGmRes_ILUt	1.00E-04	4	7.12E-03	7123	yes
VCL_PGmRes_ICHOL0	1.00E-04	5000		76543	no	VCL_PGmRes_ICHOL0	1.00E-04	5000		76879	no
VCL_PGmRes_BLK_ILU	1.00E-04	5000		45870	no	VCL_PGmRes_BLK_ILU	1.00E-04	5000		45273	no
VCL_PGmRes_Diag	1.00E-04	5000		32277	no	VCL_PGmRes_Diag	1.00E-04	5000		32291	no
VCL_PGmRes_Jacobi	1.00E-04	5000		32425	no	VCL_PGmRes_Jacobi	1.00E-04	5000		32343	no
DelFEM_CG	1.00E-04					DelFEM_CG	1.00E-04	936	1.28E-07	1175	yes
DelFEM_BiCGSTAB	1.00E-04					DelFEM_BiCGSTAB	1.00E-04	5000		24000	no
DelFEM_PCG_ILUt	1.00E-04	18	1.85E-05	336	yes	DelFEM_PCG_ILUt	1.00E-04	18	8.70E-08	329	yes
DelFEM_PBiCGSTAB_IL	1.00E-04	27	9.96E-06	728	yes	DelFEM_PBiCGSTAB_IL	1.00E-04	6	7.21E-06	230	yes