Cepber

- Server name: ProLiant XL270d Gen10
- CPU Model name: Intel(R) Xeon(R) Gold 6248 CPU @ 2.50GHz
- available: 2 nodes (0-1)
- node 0 size: 385636 MB

node 1 size: 387008 MB

• operating system: Ubuntu 22.04.3 LTS

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M+N	VI-N Количество потоков														
2				4		7		8		16		20		40	
	T1	T2	S2	T4	S4	T7	S7	T8	S8	T16	S16	T20	S20	T40	S40
20000	1,916485	1,028366	3,816445	0,502165	3,816445	0,286254	6,695051	0,250508	7,650394	0,12566	15,25135	0,101136	18,94958	0,061774	31,02414
40000	8,394908	4,604547	3,998154	2,099696	3,998154	1,393185	6,025695	1,217807	6,893463	0,546283	15,36732	0,403214	19,81998	0,240454	34,91274
График: ■ 20000x20000 ■ 40000x40000 ■ linear															
	4	0 ——			2000	ONLOGG		10000							
	3 en	0 ——													
	э л скорени е	0 ——													
	1	0 —													

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Количество потоков

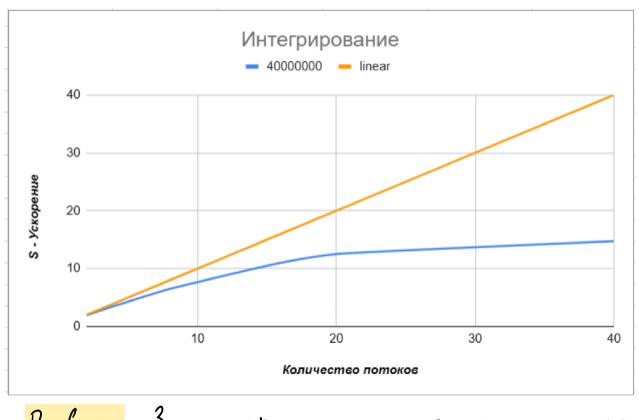
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	Количество потоков														
			2		4		7		8		16		20		40
nsteps	T1	T2	S2	T4	S4	T7	S7	T8	S8	T16	S16	T20	S20	T40	S40
10000000	0,465904	0,243566	1,912849	0,131504	3,542884	0,080555	5,783701	0,071676	6,500101	0,042308	11,01218	0,037266	12,50213	0,031626	14,73192

График:

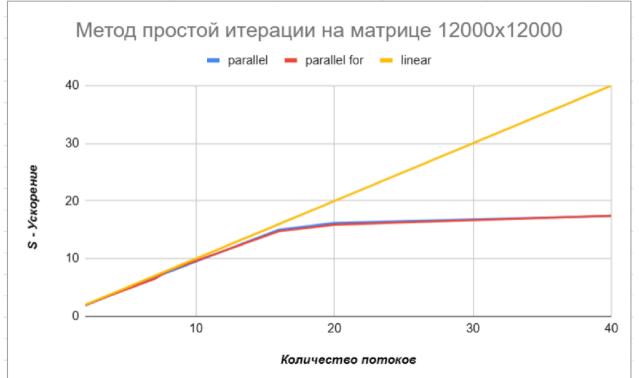


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Количество потоков

12000	11	14	34	14	54	17	37	10	30	110	510	120	520	140	340
parallel	43,49	23,1	1,88	11,3	3,84	6,4	6,79	5,68	7,65	2,89	15,03	2,68	16,19	2,5	17,37
parallel for	43,23	22,46	1,92	11,32	3,81	6,65	6,49	5,46	7,9	2,92	14,76	2,72	15,87	2,47	17,44
График:															



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