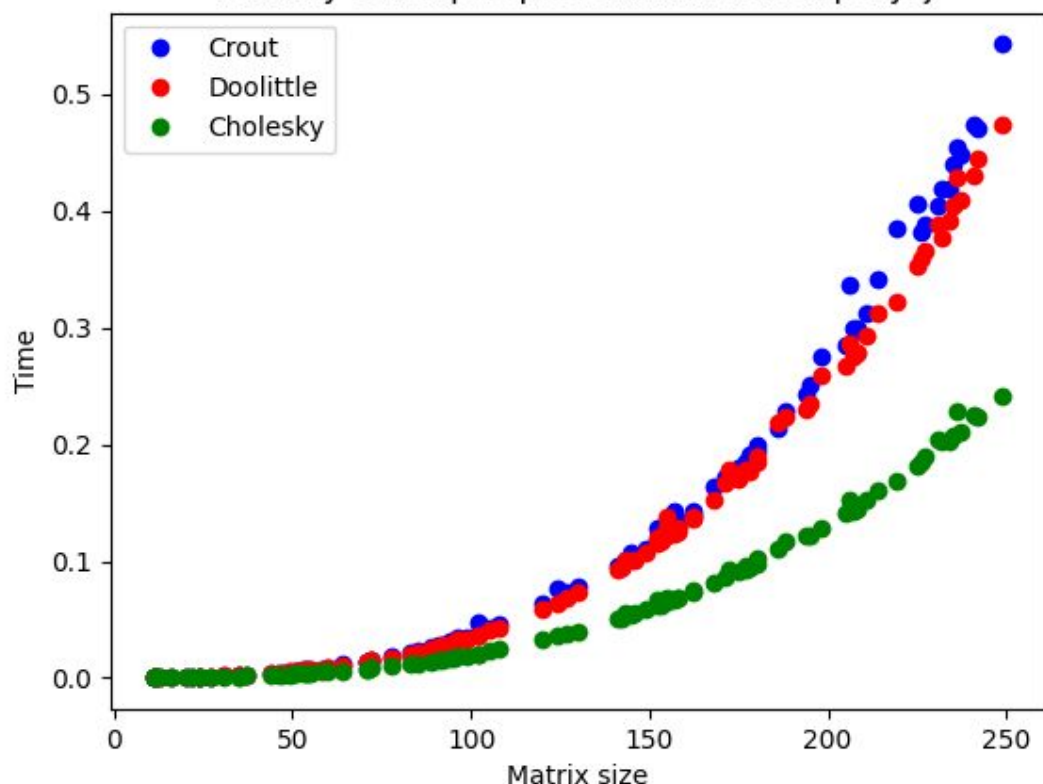


## Pomiary czasu przeprowadzania dekompozycji



Matrix size: 178	crout: 0.1916959285736084	doolittle: 0.17605996131896973	cholesky: 0.09437751770019531
Matrix size: 162	crout: 0.13922691345214844	doolittle: 0.13648319244384766	cholesky: 0.07476806640625
Matrix size: 78	crout: 0.018548250198364258	doolittle: 0.017481088638305664	cholesky: 0.010819435119628906
Matrix size: 37	crout: 0.002674102783203125	doolittle: 0.0025358200073242188	cholesky: 0.0017383098602294922
Matrix size: 96	crout: 0.0342559814453125	doolittle: 0.03268623352050781	cholesky: 0.018656015396118164
Matrix size: 127	crout: 0.07348251342773438	doolittle: 0.06909942626953125	cholesky: 0.03783011436462402
Matrix size: 31	crout: 0.0015857219696044922	doolittle: 0.0015845298767089844	cholesky: 0.0010447502136230469
Matrix size: 225	crout: 0.4058680534362793	doolittle: 0.35268163681030273	cholesky: 0.18160343170166016
Matrix size: 231	crout: 0.4041481018066406	doolittle: 0.3876621723175049	cholesky: 0.20355534553527832
Matrix size: 219	crout: 0.3854832649230957	doolittle: 0.32137274742126465	cholesky: 0.16802358627319336
Matrix size: 24	crout: 0.0008866786956787109	doolittle: 0.0008301734924316406	cholesky: 0.0006422996520996094
Matrix size: 177	crout: 0.18395590782165527	doolittle: 0.1776876449584961	cholesky: 0.09608340263366699
Matrix size: 232	crout: 0.4191567897796631	doolittle: 0.37675976753234863	cholesky: 0.20250916481018066
Matrix size: 51	crout: 0.006035804748535156	doolittle: 0.005850553512573242	cholesky: 0.003718137741088867
Matrix size: 94	crout: 0.03072524070739746	doolittle: 0.028775930404663086	cholesky: 0.017551898956298828
Matrix size: 152	crout: 0.12764501571655273	doolittle: 0.12021684646606445	cholesky: 0.0667426586151123
Matrix size: 72	crout: 0.014930248260498047	doolittle: 0.014618396759033203	cholesky: 0.00900578498840332
Matrix size: 54	crout: 0.0066449642181396484	doolittle: 0.007021665573120117	cholesky: 0.004183292388916016
Matrix size: 55	crout: 0.0067903995513916016	doolittle: 0.0072078704833984375	cholesky: 0.00420832633972168
Matrix size: 241	crout: 0.4741806983947754	doolittle: 0.4304828643798828	cholesky: 0.22581720352172852
Matrix size: 20	crout: 0.0005948543548583984	doolittle: 0.0005428791046142578	cholesky: 0.00039696693420410156
Matrix size: 51	crout: 0.0055849552154541016	doolittle: 0.005787372589111328	cholesky: 0.003447294235229492
Matrix size: 143	crout: 0.10062360763549805	doolittle: 0.10036563873291016	cholesky: 0.05488896369934082
Matrix size: 16	crout: 0.0003387928009033203	doolittle: 0.0004191398620605469	cholesky: 0.0002491474151611328
Matrix size: 130	crout: 0.07802581787109375	doolittle: 0.0730142593383789	cholesky: 0.0399622917175293
Matrix size: 35	crout: 0.002140522003173828	doolittle: 0.0021042823791503906	cholesky: 0.0013780593872070312
Matrix size: 27	crout: 0.0011098384857177734	doolittle: 0.0012896060943603516	cholesky: 0.0008478164672851562
Matrix size: 180	crout: 0.1985630989074707	doolittle: 0.18464183807373047	cholesky: 0.09789323806762695
Matrix size: 71	crout: 0.013902902603149414	doolittle: 0.013494491577148438	cholesky: 0.007986068725585938
Matrix size: 236	crout: 0.4535367488861084	doolittle: 0.42847537994384766	cholesky: 0.2275981903076172
Matrix size: 53	crout: 0.007515668869018555	doolittle: 0.006443023681640625	cholesky: 0.004122018814086914

Matrix size: 120	crout: 0.06404280662536621	doolittle: 0.058887481689453125	cholesky: 0.032534122467041016
Matrix size: 188	crout: 0.22816920280456543	doolittle: 0.2230207920074463	cholesky: 0.11737537384033203
Matrix size: 168	crout: 0.16344690322875977	doolittle: 0.1520085334777832	cholesky: 0.08075690269470215
Matrix size: 180	crout: 0.19475197792053223	doolittle: 0.1890885829925537	cholesky: 0.10253787040710449
Matrix size: 198	crout: 0.2750983238220215	doolittle: 0.25847649574279785	cholesky: 0.12761712074279785
Matrix size: 44	crout: 0.0038051605224609375	doolittle: 0.0037109851837158203	cholesky: 0.002663850784301758
Matrix size: 162	crout: 0.14265871047973633	doolittle: 0.13779950141906738	cholesky: 0.0731968879699707
Matrix size: 234	crout: 0.4188849925994873	doolittle: 0.3913857936859131	cholesky: 0.20312166213989258
Matrix size: 205	crout: 0.2853264808654785	doolittle: 0.2663114070892334	cholesky: 0.14072513580322266
Matrix size: 175	crout: 0.17947173118591309	doolittle: 0.1709275245666504	cholesky: 0.09057497978210449
Matrix size: 95	crout: 0.03052282333740234	doolittle: 0.02999424934387207	cholesky: 0.0173032283782959
Matrix size: 72	crout: 0.015035867691040039	doolittle: 0.013712882995605469	cholesky: 0.008469104766845703
Matrix size: 99	crout: 0.03516125679016113	doolittle: 0.03354144096374512	cholesky: 0.019263744354248047
Matrix size: 155	crout: 0.12541794776916504	doolittle: 0.13732457160949707	cholesky: 0.06882858276367188
Matrix size: 249	crout: 0.542335033416748	doolittle: 0.47342419624328613	cholesky: 0.24132251739501953
Matrix size: 158	crout: 0.1305098533630371	doolittle: 0.1284492015838623	cholesky: 0.06798863410949707
Matrix size: 142	crout: 0.09651017189025879	doolittle: 0.09371304512023926	cholesky: 0.05143928527832031
Matrix size: 24	crout: 0.0008442401885986328	doolittle: 0.0010499954223632812	cholesky: 0.0005865097045898438
Matrix size: 102	crout: 0.03777003288269043	doolittle: 0.03628182411193848	cholesky: 0.020612716674804688
Matrix size: 207	crout: 0.29962897300720215	doolittle: 0.27436375617980957	cholesky: 0.1430802345275879
Matrix size: 11	crout: 0.00016307830810546875	doolittle: 0.00015306472778320312	cholesky: 0.0001220703125
Matrix size: 12	crout: 0.0001811981201171875	doolittle: 0.00017881393432617188	cholesky: 0.00016760826110839844
Matrix size: 208	crout: 0.2971305847167969	doolittle: 0.2789018154144287	cholesky: 0.14487409591674805
Matrix size: 91	crout: 0.027691125869750977	doolittle: 0.026621580123901367	cholesky: 0.015382051467895508
Matrix size: 54	crout: 0.006608247756958008	doolittle: 0.006346940994262695	cholesky: 0.00402379035949707
Matrix size: 71	crout: 0.013907432556152344	doolittle: 0.013727903366088867	cholesky: 0.007937431335449219
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Matrix size: 92	crout: 0.028530120849609375	doolittle: 0.027445316314697266	cholesky: 0.015825748443603516
Matrix size: 153	crout: 0.12162423133850098	doolittle: 0.11696434020996094	cholesky: 0.06209278106689453
Matrix size: 177	crout: 0.18422698974609375	doolittle: 0.17702937126159668	cholesky: 0.0934596061706543
Matrix size: 85	crout: 0.023050308227539062	doolittle: 0.022165775299072266	cholesky: 0.012586593627929688
Matrix size: 149	crout: 0.11114501953125	doolittle: 0.10803413391113281	cholesky: 0.05826306343078613
Matrix size: 58	crout: 0.00794529914855957	doolittle: 0.007875919342041016	cholesky: 0.0049097537994384766
Matrix size: 83	crout: 0.021462202072143555	doolittle: 0.020581483840942383	cholesky: 0.012215137481689453
Matrix size: 172	crout: 0.17251014709472656	doolittle: 0.17847943305969238	cholesky: 0.0924530029296875
Matrix size: 206	crout: 0.3371765613555908	doolittle: 0.2857186794281006	cholesky: 0.15214991569519043
Matrix size: 214	crout: 0.34102845191955566	doolittle: 0.3116118907928467	cholesky: 0.1611802577972412
Matrix size: 13	crout: 0.0002262592315673828	doolittle: 0.00021314620971679688	cholesky: 0.0001666545867919922
Matrix size: 105	crout: 0.042510986328125	doolittle: 0.04072260856628418	cholesky: 0.02285027503967285
Matrix size: 157	crout: 0.14301180839538574	doolittle: 0.12409806251525879	cholesky: 0.06687450408935547
Matrix size: 11	crout: 0.00016117095947265625	doolittle: 0.00015211105346679688	cholesky: 0.00012159347534179688
Matrix size: 49	crout: 0.005013465881347656	doolittle: 0.005105257034301758	cholesky: 0.0031135082244873047
Matrix size: 211	crout: 0.3116624355316162	doolittle: 0.2934560775756836	cholesky: 0.15252423286437988
Matrix size: 35	crout: 0.0020995140075683594	doolittle: 0.0020949840545654297	cholesky: 0.0014126300811767578
Matrix size: 141	crout: 0.09534907341003418	doolittle: 0.0919961929321289	cholesky: 0.050939321517944336
Matrix size: 171	crout: 0.17152857780456543	doolittle: 0.1666092872619629	cholesky: 0.08658456802368164
Matrix size: 22	crout: 0.0006890296936035156	doolittle: 0.0006740093231201172	cholesky: 0.00048160552978515625
Matrix size: 237	crout: 0.4479684829711914	doolittle: 0.40950989723205566	cholesky: 0.21122217178344727
Matrix size: 227	crout: 0.3884406089782715	doolittle: 0.36586952209472656	cholesky: 0.18921875953674316
Matrix size: 194	crout: 0.24313640594482422	doolittle: 0.22989487648010254	cholesky: 0.12121129035949707
Matrix size: 195	crout: 0.25083041191101074	doolittle: 0.2342665195465088	cholesky: 0.12244963645935059
Matrix size: 124	crout: 0.07698202133178711	doolittle: 0.06346678733825684	cholesky: 0.03551173210144043
Matrix size: 108	crout: 0.04581308364868164	doolittle: 0.04309892654418945	cholesky: 0.024227380752563477
Matrix size: 226	crout: 0.38205409049987793	doolittle: 0.3587324619293213	cholesky: 0.18432283401489258
Matrix size: 102	crout: 0.0476987361907959	doolittle: 0.03703927993774414	cholesky: 0.020610332489013672
Matrix size: 60	crout: 0.008963823318481445	doolittle: 0.00867152214050293	cholesky: 0.005175352096557617
Matrix size: 46	crout: 0.004540443420410156	doolittle: 0.004146099090576172	cholesky: 0.002759695053100586
Matrix size: 145	crout: 0.10695910453796387	doolittle: 0.10035967826843262	cholesky: 0.05435490608215332
Matrix size: 242	crout: 0.4706387519836426	doolittle: 0.4441685676574707	cholesky: 0.22425103187561035
Matrix size: 235	crout: 0.43996238708496094	doolittle: 0.40482187271118164	cholesky: 0.20718169212341309

Matrix size: 155	crout: 0.1340787410736084	doolittle: 0.1297011375427246	cholesky: 0.06638216972351074
Matrix size: 186	crout: 0.21351313591003418	doolittle: 0.21826648712158203	cholesky: 0.11117362976074219
Matrix size: 64	crout: 0.011668682098388672	doolittle: 0.010942697525024414	cholesky: 0.00623011589050293
Matrix size: 208	crout: 0.298778772354126	doolittle: 0.27885961532592773	cholesky: 0.14630556106567383
Matrix size: 47	crout: 0.004652261734008789	doolittle: 0.004770994186401367	cholesky: 0.002815723419189453
Matrix size: 155	crout: 0.12524819374084473	doolittle: 0.12161016464233398	cholesky: 0.06458497047424316
Matrix size: 146	crout: 0.10452771186828613	doolittle: 0.10138154029846191	cholesky: 0.05532360076904297
Matrix size: 152	crout: 0.11881828308105469	doolittle: 0.11544537544250488	cholesky: 0.06135821342468262
Matrix size: 89	crout: 0.02589106559753418	doolittle: 0.025153160095214844	cholesky: 0.014332294464111328