
Mnożenie macierzy

Ten skrypt wykonuje mnożenie macierzy A i B oraz mierzy czas operacji.

```
n = 50; % Rozmiar macierzy
A = generate_matrix(n);
B = generate_matrix(n);

% Pomiar czasu mnożenia macierzy
tic; % Rozpoczęcie pomiaru czasu
C_builtin = A * B; % Mnożenie macierzy
elapsed_time = toc; % Zatrzymanie pomiaru czasu

% Wyświetlenie wyników
disp('Mnożenie macierzy A i B przy użyciu wbudowanej funkcji:');
disp(C_builtin);
fprintf('Czas mnożenia macierzy: %.6f sekund\n', elapsed_time);

% ---- Definicja funkcji ----
function A = generate_matrix(n)
    A = rand(n); % Losowa macierz o wymiarach n x n
end

Mnożenie macierzy A i B przy użyciu wbudowanej funkcji:
Columns 1 through 7

12.8445    13.4516    13.8160    11.1762    12.4258    14.0234    12.2507
11.0841    12.2520    12.1849    12.2481     9.5773    12.6419    11.1594
11.3612    12.3285    12.4265    11.4231     9.7781    11.6664    11.1130
 9.5016    11.6879    10.9312    10.9943     9.6025    11.3307    10.5756
 9.6220    11.9883    10.8366     9.5843     9.9470    11.9597    11.0305
11.5885    13.1958    11.6128    11.5512    10.8440    13.4481    11.5700
10.2378    11.2314    12.2252    11.7520    10.8749    11.8954    10.8868
13.1640    14.8020    13.8465    12.3619    12.1423    14.1597    12.5176
10.7275    12.1759    12.5539    12.2027    10.2159    12.8029    11.3378
 9.9866    11.0052    11.7665    10.8899     8.9674    12.0181    10.5692
12.6470    14.2298    13.8572    12.9738    11.7074    13.8155    12.9934
11.8807    13.5340    12.1268    11.7434    11.2866    14.5707    12.2910
 9.6497    12.8202    10.4869    11.3002     9.7986    12.2465    10.1690
11.2049    13.4792    13.3839    11.8174     9.6543    12.6451    11.0668
11.9544    13.6913    13.1283    11.7228    11.6970    14.3538    12.6260
11.9792    13.3923    12.9452    12.2219    10.6883    13.1387    11.6369
13.3906    15.1317    15.2327    14.3935    12.7570    15.8141    13.2185
12.1770    13.9739    12.7310    12.5502    11.4732    13.9049    12.1649
12.9804    14.6507    11.9460    12.0446    11.6343    13.4555    12.6546
13.8561    14.7240    12.6266    12.3150    11.4307    14.1199    12.9881
10.2323    11.7014    11.4610    11.6604    10.1212    12.8301    10.7650
10.4904    12.7945    13.3307    11.8479    10.6630    12.5328    11.8443
 9.0681    10.4858    10.9988     9.4681     9.6903    11.7239     9.6292
10.8833    11.6506    12.8045    11.6957    10.9764    11.8961    11.8775
12.5096    14.1987    12.6387    12.1058    12.5589    14.0656    12.6427
13.2535    15.1317    14.7018    13.1032    12.1314    14.4610    13.9364
11.7902    13.3872    12.0913    12.4484    11.6982    12.9355    12.5515
```

11.2334	12.6348	13.2348	11.9715	10.8886	12.7871	11.7463
8.7751	12.4444	11.1476	10.6554	9.7342	11.7494	10.9339
9.7140	12.2952	11.2423	10.5639	9.9564	11.9363	10.1035
11.5042	12.1795	12.8814	12.2587	10.4781	12.4814	12.1168
12.0354	12.1709	12.6920	11.8710	10.8973	11.6332	12.0999
9.5821	11.2842	10.1243	10.4137	9.5931	11.7381	10.7017
10.4497	11.9326	11.3867	12.2598	10.8585	13.5305	11.0375
12.1851	13.4619	13.1262	12.3344	11.1456	14.3281	11.9664
12.6919	15.1245	13.9918	13.1077	11.6994	14.4238	12.9098
13.9807	15.0591	14.8256	12.9394	12.0379	14.8601	15.1980
15.7968	16.9871	16.3983	15.4357	14.4178	16.3541	16.2993
12.1328	13.8220	13.8969	12.0312	10.7135	13.2718	12.2795
10.3049	12.7906	12.5166	12.3814	11.4073	12.3140	11.3687
12.6750	14.2216	12.6103	13.5362	11.2327	15.0894	13.2847
11.4510	13.1547	11.5971	11.1785	9.5540	12.1102	11.3244
9.9043	13.0792	10.6782	10.5773	10.0494	12.7150	11.1664
13.9853	15.0335	14.8845	12.4749	12.4120	14.3308	13.4677
11.6184	12.3759	12.5318	11.5594	9.7002	12.8189	10.3655
12.7207	14.5109	13.3079	12.2982	11.3524	14.3559	12.5349
11.8545	13.5867	12.9949	12.1199	9.6578	13.3282	12.8163
13.4954	13.7416	15.3483	13.0815	12.0862	13.3808	13.0864
11.0314	12.7575	12.3330	10.5249	8.5269	11.3189	12.4760
11.6150	12.8293	12.4166	12.0596	11.0610	13.7319	12.3861

Columns 8 through 14

12.5472	14.8978	12.5430	12.1008	13.3956	12.4029	11.6780
12.7846	13.0041	11.3891	10.8253	12.1488	10.9322	12.2616
12.0902	13.8151	11.7547	11.4236	12.1528	10.4835	12.0066
11.5991	11.7964	9.9997	9.8262	11.0716	9.9359	10.8174
10.2702	11.5891	10.3796	10.2627	11.0708	10.6609	11.0196
11.5590	12.3439	10.7344	11.2169	12.6350	9.9650	11.6785
10.9851	12.0672	11.1266	10.3603	11.8789	10.9110	10.1809
13.3636	14.5300	12.3360	11.8778	14.0321	12.3656	13.0232
12.3093	13.4350	11.7605	10.3038	11.9554	11.1166	11.9603
10.7937	11.1323	10.6623	9.5022	11.2960	10.3642	10.9304
12.4726	14.8567	12.6447	11.8529	13.7956	12.3121	13.2267
12.9950	14.1164	10.8097	11.7534	14.0318	11.8755	11.8973
10.9204	13.2673	10.5816	9.6015	11.7218	10.9632	11.0109
12.4129	14.7073	12.5390	12.9419	13.1120	11.4999	12.1565
13.9223	14.6702	12.2697	12.5397	13.2634	11.1273	12.4218
12.6580	13.6649	11.1251	11.2521	12.8186	12.0935	13.2135
13.4386	15.9475	13.7164	12.3482	15.7154	14.1631	14.2038
13.5024	14.4522	11.9725	11.2138	14.2984	11.5851	12.2826
13.8761	14.4801	13.7505	11.6560	13.3423	10.9918	13.1775
13.9561	13.4963	12.4015	13.3250	13.0521	11.0941	13.3633
11.5129	12.1541	10.6370	10.4960	11.2655	10.6951	11.9669
13.1242	12.4692	11.4511	10.2869	11.4905	10.8162	12.2878
10.1636	11.3515	10.0462	10.2483	10.4069	9.5935	9.6306
11.8875	13.0626	11.3554	10.0625	11.9991	11.6574	12.5108
14.1297	13.6619	12.4084	11.7157	13.4945	11.5656	13.1614
14.6831	14.8936	13.5502	12.8445	14.2074	13.4769	15.2488
11.9500	13.8415	11.2504	10.9710	13.6338	12.2206	12.0448
12.0455	13.3433	12.2692	11.7550	12.8719	11.6307	12.8905

10.8907	12.5251	9.4111	9.3879	11.6774	10.9512	11.4808
11.2686	12.2383	10.0426	11.1535	12.0717	10.0566	11.3110
12.4829	14.1882	11.2885	11.2874	12.2388	11.5649	13.2620
11.9475	12.3038	12.4548	11.0498	12.9790	10.9488	12.4410
9.9476	11.7014	10.8624	9.9137	10.9192	9.5548	10.4605
11.7297	13.5914	10.6425	10.7888	12.4664	10.7594	10.8964
12.8660	13.3971	12.3489	12.0029	13.0878	11.5020	11.8646
13.4092	15.0987	12.9105	13.4817	13.1213	11.2761	13.2644
15.2020	13.7879	13.1792	13.2777	13.8470	12.6094	13.9868
16.2658	17.3318	15.8623	15.1209	16.6331	14.5147	16.7715
11.9082	14.8206	13.7047	12.8303	13.5669	11.9196	13.1276
11.8588	13.8681	11.9692	11.1345	12.1463	10.3734	12.8420
14.2535	14.7051	11.3667	11.9208	14.1402	12.8012	13.6163
12.8778	12.8466	9.9447	10.9197	12.2697	10.7673	11.2990
11.3253	13.2793	11.2595	9.5621	11.8301	10.2764	11.7334
14.3142	13.8770	12.7297	12.9216	14.2245	12.6163	13.3758
12.1079	12.9134	10.9207	10.7942	12.9642	10.4046	11.8206
14.1046	14.3500	11.7374	13.1242	14.2624	11.7374	12.7823
11.8035	14.4318	14.0932	11.7708	13.1717	12.1949	12.4553
14.3397	13.9847	13.4691	12.6923	13.3690	12.0656	13.1781
12.3121	13.9480	10.5076	11.4232	12.1347	11.3615	11.8947
12.7065	13.1442	11.2984	12.2254	12.5395	11.3950	13.0681

Columns 15 through 21

12.6254	14.1975	13.0109	10.8845	13.9704	15.0243	12.5158
10.1244	12.5860	12.4575	12.3050	13.2081	13.7084	11.1447
11.2020	12.7998	12.5322	11.1297	12.9255	13.0899	10.0616
9.4061	11.3428	11.1676	10.0696	10.8998	11.7160	10.3554
10.1957	12.4348	10.7061	9.8842	12.0965	12.4105	10.0990
11.3251	13.4466	11.9716	11.3547	13.1389	13.8561	10.9346
11.6600	12.8751	12.9500	10.6728	12.5722	13.8145	10.2893
12.3847	14.2426	13.5014	12.3138	13.5842	14.5327	11.6412
10.2252	12.5777	12.8431	11.9867	12.6257	14.2477	10.8317
10.0629	11.7284	9.8319	9.8214	11.8649	11.1251	9.4669
12.2721	14.6022	13.3927	11.5073	13.5046	15.2473	11.5101
13.0604	13.9177	12.0155	11.6444	14.1774	14.0089	11.6897
10.1153	12.3925	11.6748	10.4744	13.6050	11.9067	9.8331
12.8320	13.4913	13.4655	12.3524	13.2635	14.4787	10.3812
12.7838	14.1383	12.8191	12.7350	13.9297	14.5688	11.9039
11.5105	12.4547	11.8183	12.2057	12.9715	14.8308	10.8822
14.5651	15.3889	14.8607	12.5709	14.7545	16.3526	12.9157
12.2030	13.0332	12.1725	11.5877	12.6402	14.0094	11.5746
11.2778	13.8503	13.7311	12.8594	14.8907	14.8794	11.3441
13.1934	14.1191	12.2400	12.3408	14.4939	15.5357	11.2763
10.0786	11.0426	11.4867	11.2062	12.9259	12.9339	10.7176
11.2305	12.8341	11.9709	11.5571	12.2853	13.0722	11.4819
9.4631	11.4738	10.6896	10.1239	12.0565	12.2013	10.2478
10.8842	12.5728	12.1880	10.7817	12.5018	12.8201	11.4953
11.2249	14.4271	13.1135	11.8310	14.0800	14.1823	12.1210
13.4362	15.1408	14.3891	13.0920	15.0155	16.7360	14.0328
11.2471	13.3167	12.2041	11.1522	13.3813	12.8964	11.3451
11.6987	13.1014	14.1741	11.7263	13.8229	13.3511	12.0060
10.7187	11.9100	11.2196	9.3220	12.5906	12.7632	9.9987

10.7817	12.1893	12.3728	11.1354	12.6377	12.4181	9.6300
12.0994	13.6283	13.4573	10.7863	13.0861	14.9546	11.9923
10.3237	13.3155	12.4300	11.8089	13.8888	12.3434	10.9869
9.9712	11.4602	11.4542	10.7074	11.7443	11.0941	8.9844
10.8866	12.9160	12.2411	11.3041	13.0335	13.2226	11.3138
11.5222	14.0185	12.6818	12.7999	12.3759	14.6439	11.2394
13.2603	14.8685	14.1592	12.9426	14.6395	16.0625	11.8107
13.3490	16.0741	13.2221	11.6185	14.8299	15.7512	13.3483
15.9058	18.3578	17.4423	15.1230	17.7891	18.0438	14.9421
12.9834	14.9066	13.6523	12.0245	13.8465	14.5802	12.0131
11.4550	14.3105	13.0936	11.7415	13.6442	13.5036	11.2349
12.9798	15.0538	14.4259	12.4998	14.2906	15.8754	13.0443
11.3764	12.9362	11.5452	10.3917	12.4197	11.9134	10.5596
10.3357	13.5377	12.6200	10.6765	12.2595	14.2018	11.3639
13.5172	15.5098	13.1967	11.6095	13.6359	15.1902	12.9596
11.4974	13.3295	11.3805	11.1238	11.8946	13.2994	10.4800
12.1913	14.1209	12.6943	12.7286	13.0314	14.4813	11.8180
11.2235	13.3859	12.7946	11.8135	13.0682	14.5196	10.6699
12.3365	15.0972	13.9577	12.2195	15.5493	14.3277	11.6595
11.1549	14.0544	11.9998	10.2704	13.4236	13.1454	11.1218
11.5457	12.9179	12.0430	11.7270	13.8478	13.7582	12.1270

Columns 22 through 28

12.3491	11.0225	14.6759	12.6546	14.9088	13.3452	12.6872
12.6884	9.1694	13.3743	11.5478	13.1752	11.9910	12.8147
12.1110	9.5584	12.5651	12.1610	12.8558	11.1421	12.2191
10.3376	9.7849	11.1499	11.3067	11.1973	10.3646	10.7862
11.9182	11.2508	13.0962	10.9952	11.2072	10.9498	11.0286
12.7923	11.0382	13.2142	11.8697	12.6985	11.3139	12.1984
12.6427	10.8961	13.0242	12.3073	12.0984	10.7047	10.6248
13.1279	12.0045	14.6689	14.0945	14.8617	12.5226	13.1754
12.0063	9.7490	12.6930	12.4620	13.4531	11.4944	12.5621
10.6552	9.7902	11.4999	10.1299	10.4643	10.7865	11.0773
14.2842	11.6652	14.0369	13.9688	15.1021	12.3882	13.4277
12.7807	11.6530	13.2602	12.6085	12.9948	11.9925	13.1730
11.3628	9.9038	11.4911	11.4931	11.3963	10.7165	12.2943
11.6867	10.8223	14.2541	11.9214	12.6815	11.6030	13.2582
13.5712	11.1711	13.9532	13.7165	14.1930	12.5676	13.2986
10.9166	10.8248	13.1654	10.7614	12.9132	11.9615	13.4602
14.8731	12.5055	17.0304	13.9136	15.3100	14.8512	14.9053
11.6798	10.5896	13.7033	13.2158	13.9632	12.9040	13.1722
13.7838	11.2970	13.8500	13.7087	14.3508	12.3294	13.1715
14.7078	12.1924	14.6940	13.1437	13.3970	12.6620	13.4201
12.8942	10.0115	13.5328	11.7240	12.7828	11.0456	12.0630
11.3614	10.3588	13.6070	12.9574	12.7130	12.3024	12.2938
11.1246	8.3829	11.6386	9.6572	12.1736	10.4215	11.2047
11.5406	10.1868	13.9257	10.8209	12.4253	12.1252	11.5807
13.7486	13.1249	13.3334	12.7593	13.0811	13.2080	13.7420
14.4854	14.0075	16.0866	14.1105	15.0713	14.5830	14.4979
11.5879	10.9815	13.9535	13.2392	13.8009	11.8802	12.7111
13.0727	10.3677	13.4887	11.6145	13.3749	12.4329	12.7379
10.3900	10.3007	12.2900	11.9371	11.4955	10.7719	11.1036
10.5180	9.5153	13.0991	10.7589	11.6767	11.2430	11.9232

13.1127	11.3108	14.7500	12.5037	14.1451	12.3137	12.0375
12.3092	10.0549	14.0466	12.4929	12.9261	11.4164	12.5677
11.0475	9.1688	12.0562	9.8322	11.5713	8.9932	11.1502
11.8775	10.5891	13.1690	11.3608	13.5529	12.9501	11.8466
12.6143	10.7769	13.5770	12.2266	12.5137	12.3879	12.8797
14.0141	12.1783	15.7775	14.0093	15.3069	13.1266	13.8893
14.6285	12.7240	15.3807	13.9210	14.6717	13.7295	13.6456
16.7678	14.2019	18.2971	16.1367	17.3405	15.4688	16.3171
13.2736	11.3950	15.3602	13.2252	13.7592	12.5444	13.1273
13.1520	12.0447	13.8485	13.8301	12.8443	11.3802	12.5202
14.0138	12.9940	15.1950	13.3845	14.3992	13.1403	13.9627
10.9745	11.1625	12.6851	11.7090	12.2562	12.1081	12.1040
11.8180	10.7225	11.6972	12.0876	13.3897	11.6978	11.9369
13.8901	12.0760	14.2894	14.0319	14.6791	14.0294	13.8111
11.6814	10.4004	12.7541	11.2705	11.7775	12.0584	12.8005
12.5541	11.5532	14.5535	12.7079	14.5574	13.3308	13.9331
12.3750	10.7380	13.5310	13.0402	13.3864	11.0788	13.3733
13.3804	12.3964	14.3235	12.8492	14.8625	12.6796	13.5999
11.8515	10.7645	13.0580	12.2965	12.9989	11.2371	11.5277
14.0384	11.8295	15.3308	12.4781	14.8173	11.8011	12.6640

Columns 29 through 35

12.9745	12.0633	13.1143	10.6426	11.5081	15.2469	12.9234
12.7246	11.0121	12.3669	11.6733	10.3789	13.5870	12.1106
11.6134	12.0667	12.2487	11.1746	10.7725	12.3194	12.5558
10.8966	11.1277	12.1059	10.4558	9.2559	11.5038	11.3442
9.7602	9.6636	12.2351	8.8131	9.9698	11.8460	11.4835
12.6968	11.9581	11.9554	11.4052	12.4619	11.9392	12.7117
12.0551	11.8273	12.9555	10.3867	10.6017	12.7022	11.2069
14.3355	12.7518	12.7362	11.5058	12.4676	14.5722	14.5188
12.8654	10.9827	13.0690	11.0911	9.7277	13.5222	12.1501
10.4870	8.6367	11.7855	8.4029	9.9038	10.5209	10.7990
13.9813	13.6885	14.0196	12.6428	12.0026	13.5957	14.4495
12.7893	11.6883	12.8128	10.6814	11.7062	13.2745	13.3148
11.5991	11.1805	11.9797	10.7277	9.4186	12.3391	11.8038
12.8865	11.4420	13.6939	11.8010	11.3911	13.7633	12.6476
12.1027	11.6331	13.2775	10.2685	11.5209	13.3962	13.8670
12.1829	11.5532	12.8298	11.6568	9.9779	13.6016	13.1870
15.5551	12.9024	16.4235	13.3709	13.6969	16.2035	14.4051
13.3324	11.6061	13.3299	10.8404	11.5949	13.5095	13.3184
13.0374	12.5111	13.3060	11.7140	10.8844	15.0290	13.1231
12.6157	12.2400	13.0936	11.9353	12.0168	13.9554	13.7750
11.8439	10.5499	12.0457	10.5235	10.2155	12.9133	11.8109
12.9085	10.4583	11.9544	11.4767	11.0814	12.6681	11.6504
10.3406	10.1161	10.1612	9.6874	8.9112	12.0938	11.4905
11.3803	11.3749	12.5087	11.5295	10.7341	13.7013	10.5191
12.2773	11.1039	13.7758	11.2821	11.7614	14.3149	13.2510
13.8445	12.7302	14.6773	12.7369	12.6236	15.6237	13.9925
12.9701	11.8571	12.7912	10.6988	11.1110	13.6390	12.8770
11.8877	12.8468	12.6273	11.8455	11.1079	14.6242	12.4851
11.1203	10.5039	11.4379	9.9252	10.6784	10.9715	11.8203
10.6624	11.1195	10.6609	9.7549	10.6822	11.5746	11.8407
12.1796	12.8487	12.6745	11.3590	10.2930	13.5719	12.4967

11.8941	10.9329	12.0296	11.3598	10.7080	13.9122	11.2043
10.0493	11.0489	10.2885	9.6612	9.3534	11.3611	11.0973
11.3749	11.3134	13.2938	10.1331	10.1940	13.4394	13.1473
12.5595	12.6150	12.9325	11.7001	11.1123	13.8505	12.7940
14.1225	13.3875	13.6198	12.3698	11.6557	15.5984	14.4256
14.3654	11.7513	14.4550	12.4256	12.8651	13.9868	14.3702
15.6996	16.0241	16.1041	14.5529	14.0694	17.4213	16.7234
13.3429	12.7150	13.6413	11.6498	12.5847	13.5445	13.6857
11.8869	13.1687	12.7064	10.8562	12.2903	12.3093	13.3612
13.9264	12.4233	13.7011	12.1988	11.9507	14.2545	14.3610
11.9835	10.0961	11.4684	10.2640	10.9460	11.9996	12.6381
11.4565	11.6994	12.2961	10.6814	9.9612	12.6182	12.6689
13.7911	13.4622	12.7907	13.1560	12.8084	13.8683	14.7335
11.7813	10.8900	11.3442	10.9550	10.1497	12.5643	12.5696
13.0692	12.5614	13.0991	11.5513	12.3793	14.6334	14.4534
12.0687	11.9501	13.0957	11.3157	10.5830	13.8127	12.4483
12.8537	12.4673	13.2389	12.4553	11.9580	14.9038	14.4073
11.3685	11.4547	12.5667	11.2354	10.0601	11.9374	12.3256
12.5824	11.9686	12.2278	10.2273	10.4998	13.4247	12.2801

Columns 36 through 42

11.9369	12.2988	12.7986	11.6759	12.4793	12.8425	12.0088
11.7782	10.8504	11.9658	10.5158	11.1048	11.3366	10.8748
11.6023	10.2268	11.2164	10.4612	11.6194	11.5149	11.5885
11.2450	9.4947	10.8852	9.7667	9.7884	11.1976	11.1257
10.9547	9.8514	11.5564	9.5049	9.6860	9.5270	9.9015
11.9008	11.4414	11.1725	12.3615	10.5457	12.3644	10.7247
11.6384	9.7859	11.7681	10.6130	11.2189	11.5140	11.3924
13.2681	12.7455	13.8056	12.3345	12.7733	12.0941	13.5235
12.4693	10.9940	11.5482	10.3239	12.3146	11.3310	12.0200
9.5992	9.6507	11.0746	10.1144	10.5509	9.5960	9.9573
12.5369	12.5091	13.7750	12.1276	13.3512	12.1919	13.3064
11.8863	11.8225	12.6065	11.4655	12.6800	12.5375	13.1000
11.5167	10.0988	10.3464	10.1884	10.7322	10.5079	11.1782
13.4937	10.0118	12.7095	10.4354	11.3956	11.9351	12.5233
13.5332	11.4580	12.8061	11.1079	12.3017	13.1158	12.3639
12.5288	12.3920	12.2729	11.4601	12.9078	12.0478	13.3367
13.7108	12.6914	15.0217	13.4066	12.9586	13.6453	14.2747
13.1625	12.2718	12.1712	12.3238	12.0738	13.2408	13.0659
13.2069	11.5578	12.9476	12.8128	12.6692	13.2682	12.6601
13.9452	12.3684	13.5626	11.9752	12.3579	12.9563	12.9807
11.3483	10.4811	12.3505	10.1305	10.8498	11.2865	11.0014
12.9022	10.5404	11.5045	11.5000	11.4366	11.2668	11.0181
10.2090	9.2663	11.1594	8.7134	10.2291	10.2933	9.6822
12.5304	10.1650	11.1511	11.2442	10.6591	10.9920	10.5114
12.5123	11.9686	13.1891	12.5233	12.9093	12.8711	12.4507
13.8646	12.3305	15.3514	12.4536	13.3690	13.5578	13.3131
12.7802	12.9574	11.4672	11.9304	12.1844	11.6439	13.4745
11.7470	11.0629	13.4003	10.5650	11.9857	12.4393	12.2999
10.9067	10.7905	9.8039	10.6769	10.7581	10.7965	11.5521
11.4621	11.2528	10.5762	10.6042	10.6308	11.0572	11.5276
12.8897	11.9543	12.5614	10.7586	11.7997	12.2426	12.9017
12.3098	11.8132	12.0239	11.4008	10.6632	12.0087	11.8359

11.8062	9.6748	11.1974	9.4461	10.0809	9.7174	10.8658
11.7997	10.1046	11.0856	10.6277	11.0036	11.2449	11.2780
12.8009	11.6537	12.7853	10.9623	11.6141	12.1118	12.1905
14.6153	12.3333	13.4897	11.4768	12.7969	13.3922	14.0502
13.6458	13.7323	14.1798	13.3154	14.2501	13.2033	13.3343
16.5240	15.9820	16.6223	15.3404	15.8884	15.9719	15.9654
13.1614	11.5155	13.7041	11.9650	11.7900	11.8807	12.7227
13.3940	10.6493	12.3775	11.7906	11.5267	12.4935	12.2765
14.1327	12.9683	13.6180	12.1258	12.7710	13.0204	13.6370
11.9584	11.1548	11.9024	10.4961	10.6004	10.2449	11.4321
11.4674	9.9989	11.3202	10.6468	10.8832	11.1583	10.4047
13.0118	13.0890	14.4950	12.8670	13.9311	13.3982	13.1035
11.3397	10.4417	12.2341	9.3440	10.9944	11.3330	12.2515
12.6429	12.1724	13.3722	11.2031	11.8668	12.4157	12.8955
11.6811	10.8561	12.0639	10.7917	11.5848	11.6768	12.0945
13.5363	12.1691	14.3024	12.1755	13.3475	13.6972	13.2250
12.2504	10.9435	10.9737	10.7953	10.9685	10.9075	11.1140
12.3840	12.1158	13.2508	11.0200	12.3145	11.7526	12.5204

Columns 43 through 49

14.7641	11.7037	11.8652	12.8143	10.7054	11.4399	12.7182
13.0063	10.9818	10.1324	13.2600	11.1744	11.0137	12.0666
12.7034	10.8931	10.5440	14.2752	10.6364	10.8821	11.4386
10.8859	10.8131	9.9015	12.2154	9.8701	8.9370	11.7204
12.2626	10.4757	10.4641	10.8646	9.6330	8.6606	11.1900
13.4145	12.5097	11.0814	12.2901	12.0452	10.3318	13.1594
13.0224	11.9240	10.3722	12.3137	11.2368	10.6595	12.9726
14.6370	13.6908	12.4136	14.2567	12.1761	10.3210	13.1147
13.2751	12.0337	10.4343	13.8916	11.4729	10.2013	12.0287
12.3164	10.4338	9.8373	12.2263	10.3798	9.4497	11.3016
14.0752	13.0732	12.0022	15.3385	12.4261	11.2910	13.7972
13.3136	12.6145	11.7952	14.2841	11.1399	9.9669	12.2148
11.5734	10.4197	11.2919	13.3205	10.1915	9.4283	10.1171
13.3479	12.3633	11.7399	13.7472	11.6078	11.9111	12.9018
14.8593	12.7183	11.6165	13.7872	11.9521	11.2286	13.0225
12.5265	11.7794	11.3953	13.1650	11.9664	10.8458	12.9047
14.9315	14.2284	13.5074	15.3360	12.2488	12.4054	15.3457
13.9631	12.9981	11.3483	13.3328	11.3279	10.7206	12.5720
15.5189	12.3819	11.5077	13.7938	12.2609	12.1029	13.8088
14.7214	11.9451	11.9230	14.1591	13.0409	11.8267	13.7240
12.6423	10.8304	10.0582	13.0441	10.2264	9.8762	12.0090
12.5554	12.1824	11.0650	12.8690	11.5333	10.0686	12.9291
11.7693	9.7613	9.5962	11.5816	9.8890	9.0566	10.4977
13.4410	11.3849	10.2150	11.7006	9.5169	11.0291	12.2000
14.3390	12.8312	11.1965	13.1734	11.2686	10.5176	13.2771
14.8943	13.3014	12.0648	14.5134	13.0229	12.9379	15.6220
14.0490	12.3856	11.8067	14.7654	9.5150	9.8409	11.1119
13.7784	11.6080	10.5779	14.1591	10.7539	11.3464	12.4006
11.6801	10.7894	11.3593	13.9909	10.6137	9.1698	11.4954
13.2996	11.1088	10.5467	11.9813	10.8114	9.8310	11.0591
13.2119	11.4338	10.5143	13.4530	11.6859	11.0071	13.1294
14.2910	12.0761	10.5118	13.2648	10.7276	10.6931	11.3925
12.2513	11.4547	9.9176	11.0746	9.6705	8.6556	10.8114

13.1086	11.5486	10.5078	12.1886	9.5917	10.3314	12.9039
14.3130	12.4122	10.9417	12.5729	11.5089	11.4437	12.8184
15.2700	13.2095	12.7421	14.6505	13.1801	12.8523	14.5601
15.4926	12.8614	12.6285	15.5946	13.8606	11.9684	15.2329
19.1052	15.1387	14.3646	17.5549	15.1662	14.0425	16.2690
13.5609	13.3287	11.9164	13.8552	12.4697	11.3220	13.7111
13.9793	13.3069	10.7685	13.6808	12.4963	10.9814	13.3368
14.5950	13.4371	11.6545	14.2541	12.4079	11.2448	14.1680
12.1587	10.9666	10.2996	12.4900	10.2168	9.5616	11.0928
12.8060	11.0114	9.7347	12.0321	10.9957	10.4420	12.4691
14.3457	12.6972	12.3755	14.4771	13.3697	11.2443	14.3106
12.4369	11.2584	10.2134	13.1057	10.5598	9.9781	11.0895
14.4179	12.9979	12.1335	13.8774	11.6429	10.8243	12.9039
13.2238	12.4420	12.1742	14.7435	11.0642	10.5363	12.1306
15.5524	12.4102	11.3765	15.4384	13.0411	12.4035	13.7719
12.0412	10.4654	10.9527	13.2493	11.5200	10.1978	12.3332
13.9134	12.2649	11.6753	13.4762	11.9259	10.1514	13.0988

Column 50

12.7000
 12.6516
 11.6754
 10.9445
 10.4563
 12.0167
 12.7417
 13.0362
 12.3796
 10.7007
 13.3209
 12.0041
 11.0550
 13.2366
 12.9503
 12.3523
 14.6136
 12.1462
 13.5161
 13.9589
 11.7746
 11.8814
 10.1291
 11.6183
 12.0418
 13.8535
 11.9005
 12.5763
 11.2660
 11.6078
 13.3060
 12.9265
 10.3392
 10.9543

13.2654
15.2082
13.9644
16.6607
12.3919
12.3740
13.9260
11.2536
10.4409
12.6773
11.5862
13.0709
12.8822
13.2589
12.3693
12.0564

Czas mnożenia macierzy: 0.000325 sekund

Published with MATLAB® R2023b