MATLAB Variable: hatX_o1_list
 Page 1

 Oct 1, 2021
 9:05:28 AM

	1
1	600
2	600.9771
3	602.0070
4	603.0227
5	604.0264
6	604.9939
7	605.9284
8	606.8965
9	607.9206
10	608.8710
11	609.8849
12	610.8727
13	611.8651
14	612.9102
15	613.9720
16	615.0574
17	616.1088
18	617.1821
19	618.1867
20	619.2243
21	620.2928
22	621.2873
23	622.3394
24	623.3584
25	624.4086
26	625.4685

	<u> </u>
	1
27	626.4691
28	627.4742
29	628.4388
30	629.4065
31	630.3380
32	631.3156
33	632.3064
34	633.3529
35	634.4234
36	635.4385
37	636.3943
38	637.3996
39	638.3556
40	639.3874
41	640.4411
42	641.4265
43	642.4234
44	643.4046
45	644.4084
46	645.4608
47	646.5179
48	647.5790
49	648.5777
50	649.6267
51	650.6382
52	651.6583

 MATLAB Variable: hatX_o1_list
 Page 3

 Oct 1, 2021
 9:05:28 AM

	1
53	652.7155
54	653.6867
55	654.6447
56	655.5823
57	656.5879
58	657.6515
59	658.6760
60	659.6746
61	660.7217
62	661.7295
63	662.7434
64	663.7711
65	664.7219
66	665.7330
67	666.6851
68	667.7236
69	668.7003
70	669.6608
71	670.6824
72	671.6500
73	672.6722
74	673.6611
75	674.5989
76	675.5491
77	676.5696
78	677.5560

	<u> </u>
	1
79	678.5828
80	679.6359
81	680.6419
82	681.6085
83	682.6275
84	683.6607
85	684.6511
86	685.6241
87	686.6055
88	687.5949
89	688.6385
90	689.6010
91	690.6467
92	691.7164
93	692.7845
94	693.8102
95	694.7773
96	695.7566
97	696.7241
98	697.6703
99	698.7084
100	699.6794
101	700.6335
102	701.6051
103	702.5768
104	703.6124

	1
105	704.6200
106	705.5880
107	706.5534
108	707.4841
109	708.4365
110	709.4741
111	710.5472
112	711.5296
113	712.4791
114	713.4799
115	714.4391
116	715.4079
117	716.4388
118	717.5105
119	718.4996
120	719.4475
121	720.3945
122	721.3996
123	722.3826
124	723.3580
125	724.3808
126	725.3979
127	726.4567
128	727.4349
129	728.4280
130	729.4768

	,
	1
131	730.5358
132	731.6059
133	732.6652
134	733.7147
135	734.7272
136	735.6929
137	736.6476
138	737.6878
139	738.6630
140	739.6732
141	740.6223
142	741.5855
143	742.5671
144	743.5572
145	744.5527
146	745.4910
147	746.4420
148	747.4098
149	748.3563
150	749.3278
151	750.3609
152	751.3339
153	752.3558
154	753.3508
155	754.3909
156	755.4187

	<u> </u>
	1
157	756.4660
158	757.4653
159	758.4512
160	759.3973
161	760.4055
162	761.4338
163	762.4451
164	763.4490
165	764.4831
166	765.5367
167	766.5754
168	767.5869
169	768.6302
170	769.6036
171	770.6274
172	771.6838
173	772.7615
174	773.7480
175	774.8002
176	775.8114
177	776.8498
178	777.8566
179	778.8797
180	779.9083
181	780.9507
182	781.9897

	1
183	783.0637
184	784.0994
185	785.1252
186	786.1514
187	787.2035
188	788.1824
189	789.1542
190	790.1360
191	791.1368
192	792.1637
193	793.1959
194	794.1537
195	795.1626
196	796.1541
197	797.1217
198	798.1202
199	799.1261
200	800.0968
201	801.0338
202	802.0165
203	803.0559
204	804.1039
205	805.0951
206	806.1096
207	807.0972
208	808.0886

	1
209	809.0769
210	810.0544
211	811.0927
212	812.0986
213	813.0801
214	814.1141
215	815.1219
216	816.0974
217	817.0773
218	818.0930
219	819.1105
220	820.0875
221	821.1350
222	822.1280
223	823.0741
224	824.0207
225	824.9637
226	825.9492
227	826.9422
228	827.9495
229	828.8968
230	829.9000
231	830.9547
232	831.9431
233	832.8880
234	833.9094

	1
235	834.9440
236	835.9189
237	836.8594
238	837.8823
239	838.8375
240	839.8554
241	840.8301
242	841.8245
243	842.8493
244	843.8465
245	844.7851
246	845.7620
247	846.8068
248	847.7850
249	848.8040
250	849.8593
251	850.9154
252	851.9901
253	853.0278
254	854.0755
255	855.0949
256	856.0574
257	856.9957
258	857.9278
259	858.9123
260	859.9255

	1
261	
261	860.9588
262	862.0216
263	863.0569
264	864.0294
265	864.9930
266	865.9190
267	866.9011
268	867.9037
269	868.8694
270	869.8693
271	870.8402
272	871.8256
273	872.8206
274	873.8329
275	874.8444
276	875.8170
277	876.8386
278	877.8910
279	878.9021
280	879.8830
281	880.8546
282	881.8539
283	882.8157
284	883.7454
285	884.7108
286	885.7205

	1
287	886.7224
288	887.6898
289	888.7078
290	889.7743
291	890.7774
292	891.7168
293	892.6466
294	893.6273
295	894.6346
296	895.6465
297	896.6917
298	897.7631
299	898.8458
300	899.8709
301	900.9313
302	901.9035
303	902.8506
304	903.8918
305	904.8792
306	905.9079
307	906.9524
308	907.9371
309	908.9427
310	910.0066
311	910.9910
312	911.9801

,	1
313	912.9740
314	913.9487
315	914.9180
316	915.8872
317	916.8726
318	917.8973
319	918.9551
320	919.9335
321	920.9588
322	921.9322
323	922.8702
324	923.8331
325	924.7737
326	925.7754
327	926.8314
328	927.7992
329	928.7339
330	929.6499
331	930.6389
332	931.6807
333	932.6824
334	933.6636
335	934.5988
336	935.5191
337	936.4939
338	937.4913

	1
339	938.5439
340	939.5521
341	940.5763
342	941.5726
343	942.5334
344	943.5598
345	944.5116
346	945.5136
347	946.4612
348	947.4102
349	948.3650
350	949.3869
351	950.4246
352	951.4110
353	952.3695
354	953.3118
355	954.3126
356	955.2910
357	956.3001
358	957.3496
359	958.4225
360	959.3896
361	960.3207
362	961.3544
363	962.3281
364	963.3162

	<u> </u>
	1
365	964.3676
366	965.3872
367	966.4554
368	967.4569
369	968.4688
370	969.5247
371	970.5886
372	971.6728
373	972.7237
374	973.7911
375	974.8592
376	975.9230
377	976.9518
378	977.9440
379	978.9515
380	979.9709
381	980.9332
382	981.9793
383	983.0026
384	983.9880
385	985.0144
386	986.0172
387	987.0788
388	988.0587
389	989.1014
390	990.0880

 MATLAB Variable: hatX_o1_list
 Page 16

 Oct 1, 2021
 9:05:28 AM

	1
391	991.1238
392	992.1088
393	993.0654
394	994.0052
395	995.0191
396	996.0056
397	996.9904
398	997.9886
399	998.9760
400	1.0000e+03
401	1.0010e+03
402	1.0020e+03
403	1.0030e+03
404	1.0040e+03
405	1.0050e+03
406	1.0060e+03
407	1.0071e+03
408	1.0081e+03
409	1.0090e+03
410	1.0100e+03
411	1.0110e+03
412	1.0121e+03
413	1.0131e+03
414	1.0142e+03
415	1.0153e+03
416	1.0163e+03

 MATLAB Variable: hatX_o1_list
 Page 17

 Oct 1, 2021
 9:05:28 AM

•	1
417	1.0172e+03
418	1.0182e+03
419	1.0192e+03
420	1.0202e+03
421	1.0212e+03
422	1.0223e+03
423	1.0233e+03
424	1.0243e+03
425	1.0254e+03
426	1.0264e+03
427	1.0274e+03
428	1.0283e+03
429	1.0293e+03
430	1.0304e+03
431	1.0314e+03
432	1.0324e+03
433	1.0334e+03
434	1.0343e+03
435	1.0353e+03
436	1.0362e+03
437	1.0372e+03
438	1.0382e+03
439	1.0391e+03
440	1.0401e+03
441	1.0410e+03
442	1.0420e+03

 MATLAB Variable: hatX_o1_list
 Page 18

 Oct 1, 2021
 9:05:28 AM

	1
443	1.0429e+03
444	1.0440e+03
445	1.0450e+03
446	1.0461e+03
447	1.0470e+03
448	1.0480e+03
449	1.0489e+03
450	1.0499e+03
451	1.0509e+03
452	1.0519e+03
453	1.0529e+03
454	1.0539e+03
455	1.0549e+03
456	1.0559e+03
457	1.0568e+03
458	1.0578e+03
459	1.0588e+03
460	1.0598e+03
461	1.0607e+03
462	1.0617e+03
463	1.0627e+03
464	1.0637e+03
465	1.0646e+03
466	1.0656e+03
467	1.0665e+03
468	1.0675e+03

 MATLAB Variable: hatX_o1_list
 Page 19

 Oct 1, 2021
 9:05:28 AM

	1
469	1.0685e+03
470	1.0695e+03
471	1.0705e+03
472	1.0715e+03
473	1.0725e+03
474	1.0735e+03
475	1.0744e+03
476	1.0754e+03
477	1.0763e+03
478	1.0773e+03
479	1.0783e+03
480	1.0794e+03
481	1.0804e+03
482	1.0813e+03
483	1.0823e+03
484	1.0832e+03
485	1.0842e+03
486	1.0852e+03
487	1.0862e+03
488	1.0873e+03
489	1.0882e+03
490	1.0892e+03
491	1.0902e+03
492	1.0913e+03
493	1.0923e+03
494	1.0933e+03

 MATLAB Variable: hatX_o1_list
 Page 20

 Oct 1, 2021
 9:05:28 AM

	1
495	1.0943e+03
496	1.0953e+03
497	1.0962e+03
498	1.0973e+03
499	1.0982e+03
500	1.0992e+03
501	1.1002e+03
502	1.1012e+03
503	1.1022e+03
504	1.1033e+03
505	1.1043e+03
506	1.1053e+03
507	1.1064e+03
508	1.1074e+03
509	1.1083e+03
510	1.1093e+03
511	1.1104e+03
512	1.1114e+03
513	1.1125e+03
514	1.1135e+03
515	1.1145e+03
516	1.1154e+03
517	1.1164e+03
518	1.1174e+03
519	1.1184e+03
520	1.1193e+03

 MATLAB Variable: hatX_o1_list
 Page 21

 Oct 1, 2021
 9:05:28 AM

	1
521	1.1203e+03
522	1.1212e+03
523	1.1222e+03
524	1.1232e+03
525	1.1242e+03
526	1.1253e+03
527	1.1263e+03
528	1.1273e+03
529	1.1283e+03
530	1.1292e+03
531	1.1302e+03
532	1.1312e+03
533	1.1321e+03
534	1.1331e+03
535	1.1342e+03
536	1.1352e+03
537	1.1363e+03
538	1.1373e+03
539	1.1383e+03
540	1.1394e+03
541	1.1404e+03
542	1.1414e+03
543	1.1424e+03
544	1.1434e+03
545	1.1445e+03
546	1.1455e+03

 MATLAB Variable: hatX_o1_list
 Page 22

 Oct 1, 2021
 9:05:28 AM

	1
547	1.1466e+03
548	1.1475e+03
549	1.1485e+03
550	1.1495e+03
551	1.1505e+03
552	1.1515e+03
553	1.1524e+03
554	1.1534e+03
555	1.1545e+03
556	1.1555e+03
557	1.1565e+03
558	1.1575e+03
559	1.1585e+03
560	1.1595e+03
561	1.1605e+03
562	1.1615e+03
563	1.1624e+03
564	1.1634e+03
565	1.1643e+03
566	1.1653e+03
567	1.1663e+03
568	1.1673e+03
569	1.1683e+03
570	1.1693e+03
571	1.1702e+03
572	1.1713e+03

 MATLAB Variable: hatX_o1_list
 Page 23

 Oct 1, 2021
 9:05:28 AM

1	1
573	1.1723e+03
574	1.1733e+03
575	1.1743e+03
576	1.1752e+03
577	1.1762e+03
578	1.1772e+03
579	1.1781e+03
580	1.1791e+03
581	1.1802e+03
582	1.1812e+03
583	1.1823e+03
584	1.1833e+03
585	1.1843e+03
586	1.1853e+03
587	1.1863e+03
588	1.1873e+03
589	1.1883e+03
590	1.1892e+03
591	1.1902e+03
592	1.1913e+03
593	1.1924e+03
594	1.1934e+03
595	1.1944e+03
596	1.1953e+03
597	1.1963e+03
598	1.1972e+03

 MATLAB Variable: hatX_o1_list
 Page 24

 Oct 1, 2021
 9:05:28 AM

	1
599	1.1982e+03
600	1.1991e+03
601	1.2000e+03
602	1.2010e+03
603	1.2020e+03
604	1.2030e+03
605	1.2040e+03
606	1.2050e+03
607	1.2060e+03
608	1.2070e+03
609	1.2081e+03
610	1.2091e+03
611	1.2100e+03
612	1.2109e+03
613	1.2119e+03
614	1.2129e+03
615	1.2139e+03
616	1.2149e+03
617	1.2158e+03
618	1.2168e+03
619	1.2179e+03
620	1.2189e+03
621	1.2199e+03
622	1.2209e+03
623	1.2219e+03
624	1.2229e+03

 MATLAB Variable: hatX_o1_list
 Page 25

 Oct 1, 2021
 9:05:28 AM

,	1
625	1.2239e+03
626	1.2249e+03
627	1.2259e+03
628	1.2270e+03
629	1.2280e+03
630	1.2290e+03
631	1.2299e+03
632	1.2309e+03
633	1.2319e+03
634	1.2329e+03
635	1.2339e+03
636	1.2350e+03
637	1.2360e+03
638	1.2370e+03
639	1.2381e+03
640	1.2391e+03
641	1.2401e+03
642	1.2412e+03
643	1.2422e+03
644	1.2431e+03
645	1.2442e+03
646	1.2452e+03
647	1.2462e+03
648	1.2472e+03
649	1.2482e+03
650	1.2492e+03

 MATLAB Variable: hatX_o1_list
 Page 26

 Oct 1, 2021
 9:05:28 AM

•	1
651	1.2502e+03
652	1.2513e+03
653	1.2524e+03
654	1.2534e+03
655	1.2544e+03
656	1.2554e+03
657	1.2564e+03
658	1.2573e+03
659	1.2584e+03
660	1.2593e+03
661	1.2603e+03
662	1.2612e+03
663	1.2622e+03
664	1.2632e+03
665	1.2642e+03
666	1.2652e+03
667	1.2662e+03