

tex_edge.txt

v700_5e.dat D&B turbine blade, s side at Re,d, ml but no curv, Ts(x)
interpolated free stream velocity loading (ue) vs x/s
and its various gradients, including pressure gradient
note: density based on local free stream temp and pressure
 $K=(\text{visinf}/\text{rhoinf}) * \text{duedx}/(\text{ue} * \text{ue})$

scaling factor for x/s, s= 1.0000E+00

x/s	ue	mach_no	dp/dx	pinf	K
1.1000E-04	1.1879E+01	2.8515E-02	-3.1111E+06	2.8984E+05	8.1545E-03
3.6676E-04	4.2476E+01	1.0206E-01	-3.2939E+06	2.8790E+05	7.1276E-04
6.2352E-04	7.5138E+01	1.8094E-01	-1.2434E+07	2.8345E+05	2.3576E-04
8.8028E-04	1.0745E+02	2.5964E-01	-2.1390E+07	2.7672E+05	1.1119E-04
1.1370E-03	1.3707E+02	3.3263E-01	-2.7452E+07	2.6861E+05	6.1472E-05
1.3938E-03	1.6306E+02	3.9751E-01	-3.0019E+07	2.6008E+05	3.8605E-05
1.6506E-03	1.8574E+02	4.5494E-01	-3.0439E+07	2.5162E+05	2.6374E-05
1.9073E-03	2.0549E+02	5.0567E-01	-2.9501E+07	2.4355E+05	1.9073E-05
2.1641E-03	2.2268E+02	5.5044E-01	-2.7785E+07	2.3603E+05	1.4360E-05
2.4208E-03	2.3761E+02	5.8982E-01	-2.5593E+07	2.2917E+05	1.1084E-05
2.6776E-03	2.5050E+02	6.2424E-01	-2.3126E+07	2.2301E+05	8.7106E-06
2.9344E-03	2.6158E+02	6.5417E-01	-2.0593E+07	2.1756E+05	6.9427E-06
3.1911E-03	2.7108E+02	6.8008E-01	-1.8149E+07	2.1277E+05	5.6042E-06
3.4479E-03	2.7923E+02	7.0252E-01	-1.5909E+07	2.0860E+05	4.5852E-06
3.7046E-03	2.8626E+02	7.2203E-01	-1.3956E+07	2.0495E+05	3.8156E-06
3.9614E-03	2.9240E+02	7.3918E-01	-1.2352E+07	2.0172E+05	3.2490E-06
4.2182E-03	2.9786E+02	7.5453E-01	-1.1099E+07	1.9883E+05	2.8162E-06
4.4749E-03	3.0271E+02	7.6828E-01	-9.9726E+06	1.9624E+05	2.4354E-06
4.7317E-03	3.0701E+02	7.8049E-01	-8.8849E+06	1.9393E+05	2.0976E-06
4.9884E-03	3.1078E+02	7.9126E-01	-7.8437E+06	1.9190E+05	1.7971E-06
5.2452E-03	3.1405E+02	8.0066E-01	-6.8553E+06	1.9012E+05	1.5290E-06
5.5020E-03	3.1687E+02	8.0877E-01	-5.9246E+06	1.8859E+05	1.2897E-06
5.7587E-03	3.1926E+02	8.1569E-01	-5.0555E+06	1.8728E+05	1.0762E-06
6.0155E-03	3.2126E+02	8.2151E-01	-4.2513E+06	1.8619E+05	8.8628E-07
6.2722E-03	3.2292E+02	8.2631E-01	-3.5144E+06	1.8528E+05	7.1802E-07
6.5290E-03	3.2426E+02	8.3020E-01	-2.8470E+06	1.8455E+05	5.7001E-07
6.7858E-03	3.2531E+02	8.3328E-01	-2.2505E+06	1.8397E+05	4.4115E-07
7.0425E-03	3.2612E+02	8.3563E-01	-1.7263E+06	1.8352E+05	3.3059E-07
7.2993E-03	3.2671E+02	8.3737E-01	-1.2753E+06	1.8319E+05	2.3772E-07
7.5560E-03	3.2713E+02	8.3860E-01	-8.9830E+05	1.8296E+05	1.6208E-07
7.8128E-03	3.2741E+02	8.3941E-01	-5.9579E+05	1.8281E+05	1.0339E-07
8.0696E-03	3.2758E+02	8.3991E-01	-3.6816E+05	1.8272E+05	6.1458E-08
8.3263E-03	3.2768E+02	8.4021E-01	-2.1568E+05	1.8266E+05	3.6168E-08
8.5831E-03	3.2775E+02	8.4040E-01	-1.3849E+05	1.8262E+05	2.7472E-08
8.8398E-03	3.2781E+02	8.4058E-01	-1.3662E+05	1.8259E+05	3.5117E-08
9.0966E-03	3.2790E+02	8.4084E-01	-1.8814E+05	1.8254E+05	4.7123E-08
9.3534E-03	3.2801E+02	8.4116E-01	-2.3744E+05	1.8248E+05	5.6723E-08
9.6101E-03	3.2814E+02	8.4154E-01	-2.7585E+05	1.8241E+05	6.3917E-08
9.8669E-03	3.2828E+02	8.4196E-01	-3.0339E+05	1.8233E+05	6.8711E-08
1.0124E-02	3.2843E+02	8.4239E-01	-3.2003E+05	1.8225E+05	7.1109E-08
1.0380E-02	3.2858E+02	8.4284E-01	-3.2579E+05	1.8217E+05	7.1117E-08
1.0637E-02	3.2873E+02	8.4327E-01	-3.2064E+05	1.8208E+05	6.8743E-08
1.0894E-02	3.2887E+02	8.4369E-01	-3.0460E+05	1.8201E+05	6.3993E-08
1.1151E-02	3.2900E+02	8.4407E-01	-2.7765E+05	1.8193E+05	5.6872E-08
1.1407E-02	3.2911E+02	8.4440E-01	-2.3978E+05	1.8187E+05	4.7383E-08
1.1664E-02	3.2920E+02	8.4466E-01	-1.9100E+05	1.8182E+05	3.5530E-08
1.1921E-02	3.2926E+02	8.4484E-01	-1.3129E+05	1.8179E+05	2.1311E-08
1.2178E-02	3.2929E+02	8.4492E-01	-6.0646E+04	1.8177E+05	4.7241E-09
1.2434E-02	3.2928E+02	8.4489E-01	2.0924E+04	1.8178E+05	-1.4238E-08
1.2691E-02	3.2923E+02	8.4474E-01	1.1326E+05	1.8181E+05	-3.5256E-08
1.2948E-02	3.2913E+02	8.4446E-01	2.0548E+05	1.8186E+05	-5.3611E-08
1.3205E-02	3.2900E+02	8.4407E-01	2.7991E+05	1.8193E+05	-6.7763E-08
1.3462E-02	3.2885E+02	8.4362E-01	3.3493E+05	1.8202E+05	-7.7709E-08
1.3718E-02	3.2867E+02	8.4311E-01	3.7053E+05	1.8211E+05	-8.3438E-08
1.3975E-02	3.2849E+02	8.4258E-01	3.8673E+05	1.8221E+05	-8.4940E-08

tex_edge.txt

1.4232E-02	3.2832E+02	8.4206E-01	3.8352E+05	1.8231E+05	-8.2199E-08
1.4489E-02	3.2815E+02	8.4157E-01	3.6093E+05	1.8240E+05	-7.5204E-08
1.4745E-02	3.2800E+02	8.4113E-01	3.1897E+05	1.8249E+05	-6.3943E-08
1.5002E-02	3.2788E+02	8.4078E-01	2.5765E+05	1.8255E+05	-4.8408E-08
1.5259E-02	3.2780E+02	8.4054E-01	1.7699E+05	1.8260E+05	-2.8596E-08
1.5516E-02	3.2776E+02	8.4044E-01	7.6986E+04	1.8262E+05	-4.5133E-09
1.5772E-02	3.2778E+02	8.4049E-01	-4.2343E+04	1.8261E+05	2.3826E-08
1.6029E-02	3.2786E+02	8.4074E-01	-1.8100E+05	1.8256E+05	5.6397E-08
1.6286E-02	3.2802E+02	8.4120E-01	-3.3900E+05	1.8247E+05	9.3162E-08
1.6543E-02	3.2826E+02	8.4191E-01	-5.1556E+05	1.8234E+05	1.3320E-07
1.6799E-02	3.2859E+02	8.4286E-01	-6.9870E+05	1.8216E+05	1.7281E-07
1.7056E-02	3.2900E+02	8.4406E-01	-8.7905E+05	1.8194E+05	2.1153E-07
1.7313E-02	3.2949E+02	8.4551E-01	-1.0564E+06	1.8166E+05	2.4935E-07
1.7570E-02	3.3006E+02	8.4719E-01	-1.2308E+06	1.8135E+05	2.8621E-07
1.7826E-02	3.3072E+02	8.4911E-01	-1.4023E+06	1.8099E+05	3.2209E-07
1.8083E-02	3.3145E+02	8.5126E-01	-1.5708E+06	1.8058E+05	3.5696E-07
1.8340E-02	3.3226E+02	8.5363E-01	-1.7365E+06	1.8014E+05	3.9081E-07
1.8597E-02	3.3314E+02	8.5623E-01	-1.8993E+06	1.7965E+05	4.2360E-07
1.8853E-02	3.3410E+02	8.5906E-01	-2.0592E+06	1.7912E+05	4.5532E-07
1.9110E-02	3.3513E+02	8.6210E-01	-2.2163E+06	1.7855E+05	4.8596E-07
1.9367E-02	3.3623E+02	8.6535E-01	-2.3706E+06	1.7794E+05	5.1551E-07
1.9624E-02	3.3740E+02	8.6882E-01	-2.5220E+06	1.7729E+05	5.4396E-07
1.9881E-02	3.3864E+02	8.7249E-01	-2.6706E+06	1.7660E+05	5.7131E-07
2.0137E-02	3.3994E+02	8.7637E-01	-2.8163E+06	1.7587E+05	5.9755E-07
2.0394E-02	3.4131E+02	8.8045E-01	-2.9585E+06	1.7511E+05	6.2221E-07
2.0651E-02	3.4274E+02	8.8471E-01	-3.0923E+06	1.7431E+05	6.4415E-07
2.0908E-02	3.4423E+02	8.8915E-01	-3.2150E+06	1.7348E+05	6.6339E-07
2.1164E-02	3.4576E+02	8.9376E-01	-3.3266E+06	1.7263E+05	6.7996E-07
2.1421E-02	3.4735E+02	8.9850E-01	-3.4269E+06	1.7174E+05	6.9393E-07
2.1678E-02	3.4897E+02	9.0338E-01	-3.5160E+06	1.7084E+05	7.0536E-07
2.1935E-02	3.5062E+02	9.0837E-01	-3.5938E+06	1.6991E+05	7.1430E-07
2.2191E-02	3.5231E+02	9.1347E-01	-3.6603E+06	1.6897E+05	7.2083E-07
2.2448E-02	3.5402E+02	9.1865E-01	-3.7154E+06	1.6801E+05	7.2500E-07
2.2705E-02	3.5575E+02	9.2389E-01	-3.7591E+06	1.6704E+05	7.2687E-07
2.2962E-02	3.5749E+02	9.2920E-01	-3.7912E+06	1.6606E+05	7.2652E-07
2.3218E-02	3.5924E+02	9.3454E-01	-3.8119E+06	1.6508E+05	7.2399E-07
2.3475E-02	3.6099E+02	9.3991E-01	-3.8210E+06	1.6409E+05	7.1936E-07
2.3732E-02	3.6275E+02	9.4528E-01	-3.8186E+06	1.6311E+05	7.1266E-07
2.3989E-02	3.6449E+02	9.5064E-01	-3.8045E+06	1.6213E+05	7.0396E-07
2.4245E-02	3.6622E+02	9.5598E-01	-3.7788E+06	1.6115E+05	6.9332E-07
2.4502E-02	3.6793E+02	9.6128E-01	-3.7415E+06	1.6019E+05	6.8077E-07
2.4759E-02	3.6963E+02	9.6652E-01	-3.6925E+06	1.5923E+05	6.6636E-07
2.5016E-02	3.7129E+02	9.7168E-01	-3.6319E+06	1.5830E+05	6.5014E-07
2.5272E-02	3.7292E+02	9.7676E-01	-3.5597E+06	1.5738E+05	6.3220E-07
2.5529E-02	3.7451E+02	9.8173E-01	-3.4786E+06	1.5648E+05	6.1359E-07
2.5786E-02	3.7606E+02	9.8658E-01	-3.3934E+06	1.5561E+05	5.9469E-07
2.6043E-02	3.7757E+02	9.9132E-01	-3.3047E+06	1.5476E+05	5.7550E-07
2.6300E-02	3.7904E+02	9.9594E-01	-3.2126E+06	1.5393E+05	5.5601E-07
2.6556E-02	3.8046E+02	1.0004E+00	-3.1169E+06	1.5312E+05	5.3622E-07
2.6813E-02	3.8184E+02	1.0048E+00	-3.0179E+06	1.5235E+05	5.1614E-07
2.7070E-02	3.8317E+02	1.0090E+00	-2.9153E+06	1.5160E+05	4.9575E-07
2.7327E-02	3.8446E+02	1.0131E+00	-2.8094E+06	1.5087E+05	4.7504E-07
2.7583E-02	3.8569E+02	1.0170E+00	-2.7000E+06	1.5018E+05	4.5402E-07
2.7840E-02	3.8687E+02	1.0208E+00	-2.5873E+06	1.4951E+05	4.3268E-07
2.8097E-02	3.8800E+02	1.0244E+00	-2.4711E+06	1.4887E+05	4.1101E-07
2.8354E-02	3.8908E+02	1.0278E+00	-2.3516E+06	1.4827E+05	3.8901E-07
2.8610E-02	3.9009E+02	1.0311E+00	-2.2288E+06	1.4769E+05	3.6666E-07
2.8867E-02	3.9105E+02	1.0341E+00	-2.1025E+06	1.4715E+05	3.4396E-07
2.9124E-02	3.9196E+02	1.0370E+00	-1.9730E+06	1.4665E+05	3.2090E-07
2.9381E-02	3.9280E+02	1.0397E+00	-1.8401E+06	1.4617E+05	2.9748E-07
2.9637E-02	3.9357E+02	1.0423E+00	-1.7039E+06	1.4573E+05	2.7367E-07
2.9894E-02	3.9429E+02	1.0446E+00	-1.5644E+06	1.4533E+05	2.4947E-07
3.0151E-02	3.9494E+02	1.0467E+00	-1.4215E+06	1.4497E+05	2.2487E-07

tex_edge.txt

3.0408E-02	3.9552E+02	1.0485E+00	-1.2753E+06	1.4464E+05	1.9985E-07
3.0664E-02	3.9604E+02	1.0502E+00	-1.1258E+06	1.4435E+05	1.7441E-07
3.0921E-02	3.9648E+02	1.0516E+00	-9.7294E+05	1.4410E+05	1.4854E-07
3.1178E-02	3.9685E+02	1.0529E+00	-8.1922E+05	1.4389E+05	1.2329E-07
3.1435E-02	3.9716E+02	1.0538E+00	-6.7156E+05	1.4371E+05	9.9324E-08
3.1691E-02	3.9740E+02	1.0546E+00	-5.3115E+05	1.4358E+05	7.6622E-08
3.1948E-02	3.9759E+02	1.0552E+00	-3.9799E+05	1.4348E+05	5.5165E-08
3.2205E-02	3.9771E+02	1.0556E+00	-2.7207E+05	1.4341E+05	3.4939E-08
3.2462E-02	3.9778E+02	1.0559E+00	-1.5341E+05	1.4337E+05	1.5933E-08
3.2719E-02	3.9780E+02	1.0559E+00	-4.1994E+04	1.4336E+05	-1.8653E-09
3.2975E-02	3.9777E+02	1.0558E+00	6.2173E+04	1.4337E+05	-1.8463E-08
3.3232E-02	3.9770E+02	1.0556E+00	1.5909E+05	1.4341E+05	-3.3866E-08
3.3489E-02	3.9758E+02	1.0552E+00	2.4875E+05	1.4348E+05	-4.8080E-08
3.3746E-02	3.9743E+02	1.0547E+00	3.3116E+05	1.4356E+05	-6.1109E-08
3.4002E-02	3.9725E+02	1.0541E+00	4.0632E+05	1.4367E+05	-7.2955E-08
3.4259E-02	3.9703E+02	1.0534E+00	4.7453E+05	1.4379E+05	-8.3810E-08
3.4516E-02	3.9679E+02	1.0526E+00	5.3802E+05	1.4393E+05	-9.4055E-08
3.4773E-02	3.9651E+02	1.0517E+00	5.9776E+05	1.4408E+05	-1.0370E-07
3.5029E-02	3.9622E+02	1.0508E+00	6.5374E+05	1.4425E+05	-1.1274E-07
3.5286E-02	3.9589E+02	1.0497E+00	7.0597E+05	1.4443E+05	-1.2119E-07
3.5543E-02	3.9555E+02	1.0486E+00	7.5444E+05	1.4462E+05	-1.2903E-07
3.5800E-02	3.9519E+02	1.0475E+00	7.9916E+05	1.4483E+05	-1.3628E-07
3.6056E-02	3.9480E+02	1.0462E+00	8.4011E+05	1.4504E+05	-1.4292E-07
3.6313E-02	3.9440E+02	1.0449E+00	8.7729E+05	1.4527E+05	-1.4895E-07
3.6570E-02	3.9399E+02	1.0436E+00	9.1071E+05	1.4550E+05	-1.5438E-07
3.6827E-02	3.9356E+02	1.0422E+00	9.4036E+05	1.4574E+05	-1.5921E-07
3.7083E-02	3.9312E+02	1.0408E+00	9.6623E+05	1.4599E+05	-1.6341E-07
3.7340E-02	3.9267E+02	1.0393E+00	9.8833E+05	1.4624E+05	-1.6701E-07
3.7597E-02	3.9221E+02	1.0379E+00	1.0067E+06	1.4650E+05	-1.6999E-07
3.7854E-02	3.9175E+02	1.0364E+00	1.0212E+06	1.4676E+05	-1.7234E-07
3.8110E-02	3.9128E+02	1.0349E+00	1.0319E+06	1.4703E+05	-1.7405E-07
3.8367E-02	3.9080E+02	1.0333E+00	1.0386E+06	1.4729E+05	-1.7509E-07
3.8624E-02	3.9033E+02	1.0318E+00	1.0414E+06	1.4756E+05	-1.7546E-07
3.8881E-02	3.8986E+02	1.0303E+00	1.0400E+06	1.4783E+05	-1.7515E-07
3.9138E-02	3.8939E+02	1.0288E+00	1.0347E+06	1.4809E+05	-1.7417E-07
3.9394E-02	3.8892E+02	1.0273E+00	1.0254E+06	1.4836E+05	-1.7250E-07
3.9651E-02	3.8846E+02	1.0258E+00	1.0120E+06	1.4862E+05	-1.7014E-07
3.9908E-02	3.8801E+02	1.0244E+00	9.9460E+05	1.4887E+05	-1.6709E-07
4.0165E-02	3.8756E+02	1.0230E+00	9.7319E+05	1.4912E+05	-1.6335E-07
4.0421E-02	3.8713E+02	1.0216E+00	9.4775E+05	1.4936E+05	-1.5890E-07
4.0678E-02	3.8671E+02	1.0203E+00	9.1830E+05	1.4960E+05	-1.5375E-07
4.0935E-02	3.8631E+02	1.0190E+00	8.8482E+05	1.4983E+05	-1.4790E-07
4.1192E-02	3.8593E+02	1.0178E+00	8.4732E+05	1.5004E+05	-1.4134E-07
4.1448E-02	3.8556E+02	1.0166E+00	8.0580E+05	1.5025E+05	-1.3407E-07
4.1705E-02	3.8521E+02	1.0155E+00	7.6026E+05	1.5044E+05	-1.2606E-07
4.1962E-02	3.8489E+02	1.0145E+00	7.0994E+05	1.5063E+05	-1.1708E-07
4.2219E-02	3.8459E+02	1.0135E+00	6.5381E+05	1.5079E+05	-1.0707E-07
4.2475E-02	3.8432E+02	1.0127E+00	5.9181E+05	1.5095E+05	-9.6009E-08
4.2732E-02	3.8409E+02	1.0119E+00	5.2392E+05	1.5108E+05	-8.3914E-08
4.2989E-02	3.8388E+02	1.0113E+00	4.5016E+05	1.5120E+05	-7.0780E-08
4.3246E-02	3.8371E+02	1.0107E+00	3.7052E+05	1.5129E+05	-5.6608E-08
4.3502E-02	3.8358E+02	1.0103E+00	2.8502E+05	1.5136E+05	-4.1402E-08
4.3759E-02	3.8349E+02	1.0100E+00	1.9365E+05	1.5141E+05	-2.5166E-08
4.4016E-02	3.8345E+02	1.0099E+00	9.6427E+04	1.5144E+05	-7.9066E-09
4.4273E-02	3.8345E+02	1.0099E+00	-6.6541E+03	1.5144E+05	1.0370E-08
4.4529E-02	3.8351E+02	1.0101E+00	-1.1558E+05	1.5141E+05	2.9654E-08
4.4786E-02	3.8361E+02	1.0104E+00	-2.3036E+05	1.5135E+05	4.9936E-08
4.5043E-02	3.8377E+02	1.0109E+00	-3.5097E+05	1.5126E+05	7.1203E-08
4.5300E-02	3.8399E+02	1.0116E+00	-4.7742E+05	1.5114E+05	9.3441E-08
4.5557E-02	3.8427E+02	1.0125E+00	-6.0939E+05	1.5098E+05	1.1638E-07
4.5813E-02	3.8460E+02	1.0135E+00	-7.4252E+05	1.5079E+05	1.3899E-07
4.6070E-02	3.8500E+02	1.0148E+00	-8.7356E+05	1.5056E+05	1.6115E-07
4.6327E-02	3.8546E+02	1.0163E+00	-1.0024E+06	1.5031E+05	1.8285E-07

tex_edge.txt

4.6584E-02	3.8598E+02	1.0179E+00	-1.1291E+06	1.5002E+05	2.0408E-07
4.6840E-02	3.8655E+02	1.0197E+00	-1.2536E+06	1.4969E+05	2.2484E-07
4.7097E-02	3.8717E+02	1.0217E+00	-1.3759E+06	1.4934E+05	2.4511E-07
4.7354E-02	3.8786E+02	1.0239E+00	-1.4960E+06	1.4895E+05	2.6489E-07
4.7611E-02	3.8859E+02	1.0263E+00	-1.6140E+06	1.4854E+05	2.8418E-07
4.7867E-02	3.8938E+02	1.0288E+00	-1.7297E+06	1.4809E+05	3.0297E-07
4.8124E-02	3.9023E+02	1.0315E+00	-1.8432E+06	1.4762E+05	3.2124E-07
4.8381E-02	3.9112E+02	1.0343E+00	-1.9545E+06	1.4712E+05	3.3901E-07
4.8638E-02	3.9206E+02	1.0374E+00	-2.0636E+06	1.4659E+05	3.5627E-07
4.8894E-02	3.9305E+02	1.0406E+00	-2.1705E+06	1.4603E+05	3.7302E-07
4.9151E-02	3.9409E+02	1.0439E+00	-2.2751E+06	1.4544E+05	3.8925E-07
4.9408E-02	3.9518E+02	1.0474E+00	-2.3775E+06	1.4483E+05	4.0497E-07
4.9665E-02	3.9631E+02	1.0511E+00	-2.4776E+06	1.4419E+05	4.2017E-07
4.9921E-02	3.9749E+02	1.0549E+00	-2.5752E+06	1.4353E+05	4.3472E-07
5.0178E-02	3.9871E+02	1.0589E+00	-2.6667E+06	1.4284E+05	4.4757E-07
5.0435E-02	3.9997E+02	1.0630E+00	-2.7477E+06	1.4213E+05	4.5858E-07
5.0692E-02	4.0127E+02	1.0672E+00	-2.8183E+06	1.4141E+05	4.6775E-07
5.0948E-02	4.0259E+02	1.0715E+00	-2.8783E+06	1.4067E+05	4.7513E-07
5.1205E-02	4.0393E+02	1.0759E+00	-2.9278E+06	1.3991E+05	4.8074E-07
5.1462E-02	4.0529E+02	1.0804E+00	-2.9668E+06	1.3915E+05	4.8459E-07
5.1719E-02	4.0667E+02	1.0849E+00	-2.9953E+06	1.3837E+05	4.8673E-07
5.1976E-02	4.0805E+02	1.0895E+00	-3.0133E+06	1.3760E+05	4.8718E-07
5.2232E-02	4.0944E+02	1.0941E+00	-3.0209E+06	1.3682E+05	4.8597E-07
5.2489E-02	4.1083E+02	1.0987E+00	-3.0180E+06	1.3604E+05	4.8311E-07
5.2746E-02	4.1222E+02	1.1033E+00	-3.0048E+06	1.3527E+05	4.7864E-07
5.3003E-02	4.1359E+02	1.1079E+00	-2.9812E+06	1.3450E+05	4.7259E-07
5.3259E-02	4.1495E+02	1.1124E+00	-2.9473E+06	1.3374E+05	4.6497E-07
5.3516E-02	4.1629E+02	1.1169E+00	-2.9031E+06	1.3299E+05	4.5580E-07
5.3773E-02	4.1761E+02	1.1213E+00	-2.8486E+06	1.3226E+05	4.4511E-07
5.4030E-02	4.1889E+02	1.1257E+00	-2.7839E+06	1.3154E+05	4.3292E-07
5.4286E-02	4.2015E+02	1.1299E+00	-2.7090E+06	1.3084E+05	4.1925E-07
5.4543E-02	4.2136E+02	1.1340E+00	-2.6246E+06	1.3017E+05	4.0428E-07
5.4800E-02	4.2254E+02	1.1380E+00	-2.5313E+06	1.2951E+05	3.8808E-07
5.5057E-02	4.2366E+02	1.1418E+00	-2.4295E+06	1.2889E+05	3.7066E-07
5.5313E-02	4.2474E+02	1.1454E+00	-2.3190E+06	1.2829E+05	3.5201E-07
5.5570E-02	4.2576E+02	1.1489E+00	-2.2000E+06	1.2772E+05	3.3215E-07
5.5827E-02	4.2672E+02	1.1522E+00	-2.0724E+06	1.2719E+05	3.1108E-07
5.6084E-02	4.2762E+02	1.1553E+00	-1.9362E+06	1.2669E+05	2.8880E-07
5.6340E-02	4.2845E+02	1.1581E+00	-1.7914E+06	1.2623E+05	2.6531E-07
5.6597E-02	4.2922E+02	1.1608E+00	-1.6382E+06	1.2581E+05	2.4060E-07
5.6854E-02	4.2990E+02	1.1631E+00	-1.4763E+06	1.2543E+05	2.1467E-07
5.7111E-02	4.3051E+02	1.1652E+00	-1.3059E+06	1.2509E+05	1.8752E-07
5.7367E-02	4.3104E+02	1.1670E+00	-1.1270E+06	1.2480E+05	1.5913E-07
5.7624E-02	4.3147E+02	1.1685E+00	-9.3937E+05	1.2456E+05	1.2949E-07
5.7881E-02	4.3182E+02	1.1697E+00	-7.4313E+05	1.2437E+05	9.8590E-08
5.8138E-02	4.3207E+02	1.1706E+00	-5.3820E+05	1.2423E+05	6.6411E-08
5.8395E-02	4.3222E+02	1.1711E+00	-3.2452E+05	1.2415E+05	3.2934E-08
5.8651E-02	4.3227E+02	1.1713E+00	-1.0204E+05	1.2412E+05	-1.8637E-09
5.8908E-02	4.3221E+02	1.1711E+00	1.2931E+05	1.2416E+05	-3.8009E-08
5.9165E-02	4.3204E+02	1.1705E+00	3.6963E+05	1.2425E+05	-7.5530E-08
5.9422E-02	4.3175E+02	1.1695E+00	6.1899E+05	1.2441E+05	-1.1446E-07
5.9678E-02	4.3134E+02	1.1681E+00	8.7750E+05	1.2464E+05	-1.5484E-07
5.9935E-02	4.3081E+02	1.1662E+00	1.1452E+06	1.2493E+05	-1.9671E-07
6.0192E-02	4.3015E+02	1.1640E+00	1.4224E+06	1.2529E+05	-2.4011E-07
6.0449E-02	4.2936E+02	1.1612E+00	1.7089E+06	1.2573E+05	-2.8510E-07
6.0705E-02	4.2843E+02	1.1581E+00	2.0051E+06	1.2625E+05	-3.3174E-07
6.0962E-02	4.2736E+02	1.1544E+00	2.3110E+06	1.2684E+05	-3.8008E-07
6.1219E-02	4.2615E+02	1.1503E+00	2.6267E+06	1.2751E+05	-4.3022E-07
6.1476E-02	4.2478E+02	1.1456E+00	2.9523E+06	1.2826E+05	-4.8222E-07
6.1732E-02	4.2327E+02	1.1405E+00	3.2880E+06	1.2911E+05	-5.3617E-07
6.1989E-02	4.2160E+02	1.1348E+00	3.6339E+06	1.3003E+05	-5.9218E-07
6.2246E-02	4.1977E+02	1.1286E+00	3.9900E+06	1.3105E+05	-6.5037E-07
6.2503E-02	4.1777E+02	1.1219E+00	4.3565E+06	1.3217E+05	-7.1085E-07

tex_edge.txt

6.2759E-02	4.1560E+02	1.1146E+00	4.7333E+06	1.3337E+05	-7.7377E-07
6.3016E-02	4.1326E+02	1.1068E+00	5.1205E+06	1.3468E+05	-8.3928E-07
6.3273E-02	4.1075E+02	1.0984E+00	5.5182E+06	1.3609E+05	-9.0757E-07
6.3530E-02	4.0805E+02	1.0895E+00	5.9261E+06	1.3760E+05	-9.7884E-07
6.3786E-02	4.0517E+02	1.0800E+00	6.3444E+06	1.3922E+05	-1.0533E-06
6.4043E-02	4.0210E+02	1.0699E+00	6.7728E+06	1.4094E+05	-1.1312E-06
6.4300E-02	3.9883E+02	1.0593E+00	7.2111E+06	1.4278E+05	-1.2128E-06