OUTPUT FOR LOGISTIC REGRESSION ON GRADIENT DESCENT (OLD DATA SET)

Iteration 1 | Cost: 2.112209e+04

Iteration 2 | Cost: 1.259922e+04

Iteration 3 | Cost: 8.399655e+03

Iteration 4 | Cost: 4.457661e+03

Iteration 5 | Cost: 4.360912e+03

Iteration 6 | Cost: 3.311626e+03

Iteration 7 | Cost: 3.131329e+03

Iteration 8 | Cost: 2.831417e+03

Iteration 9 | Cost: 2.542513e+03

Iteration 10 | Cost: 2.524996e+03

Iteration 11 | Cost: 2.477483e+03

Iteration 12 | Cost: 2.053264e+03

Iteration 13 | Cost: 1.960262e+03

Iteration 14 | Cost: 1.803266e+03

Iteration 15 | Cost: 1.745046e+03

Iteration 16 | Cost: 1.667872e+03

Iteration 17 | Cost: 1.656257e+03

Iteration 18 | Cost: 1.607573e+03

Iteration 19 | Cost: 1.605578e+03

Iteration 20 | Cost: 1.596185e+03

Iteration 21 | Cost: 1.590186e+03

Iteration 22 | Cost: 1.577210e+03

Iteration 23 | Cost: 1.563285e+03

Iteration 24 | Cost: 1.558873e+03

Iteration 25 | Cost: 1.552627e+03

Iteration 26 | Cost: 1.546276e+03

Iteration 27 | Cost: 1.526659e+03

Iteration 28 | Cost: 1.480096e+03

Iteration 29 | Cost: 1.427481e+03

Iteration 30 | Cost: 1.402711e+03

Iteration 31 | Cost: 1.348255e+03

Iteration 32 | Cost: 1.345502e+03

Iteration 33 | Cost: 1.334720e+03

Iteration 34 | Cost: 1.333393e+03

Iteration 35 | Cost: 1.319787e+03

Iteration 36 | Cost: 1.313566e+03

Iteration 37 | Cost: 1.298147e+03

Iteration 38 | Cost: 1.295556e+03

Iteration 39 | Cost: 1.289268e+03

Iteration 40 | Cost: 1.267787e+03

Iteration 41 | Cost: 1.254622e+03

Iteration 42 | Cost: 1.253747e+03

Iteration 43 | Cost: 1.250079e+03

Iteration 44 | Cost: 1.240696e+03

Iteration 45 | Cost: 1.235846e+03

Iteration 46 | Cost: 1.235038e+03

Iteration 47 | Cost: 1.228776e+03

Iteration 48 | Cost: 1.221932e+03

Iteration 49 | Cost: 1.220819e+03

Iteration 50 | Cost: 1.216052e+03

Iteration 51 | Cost: 1.215348e+03

Iteration 52 | Cost: 1.213497e+03

Iteration 53 | Cost: 1.211931e+03

Iteration 54 | Cost: 1.196270e+03

Iteration 55 | Cost: 1.188069e+03

Iteration 56 | Cost: 1.160546e+03

Iteration 57 | Cost: 1.156510e+03

Iteration 58 | Cost: 1.143453e+03

Iteration 59 | Cost: 1.142510e+03

Iteration 60 | Cost: 1.140826e+03

Iteration 61 | Cost: 1.140272e+03

Iteration 62 | Cost: 1.138068e+03

Iteration 63 | Cost: 1.135612e+03

Iteration 64 | Cost: 1.135229e+03

Iteration 65 | Cost: 1.133695e+03

Iteration 66 | Cost: 1.129650e+03

Iteration 67 | Cost: 1.118007e+03

Iteration 68 | Cost: 1.111527e+03

Iteration 69 | Cost: 1.101659e+03

Iteration 70 | Cost: 1.084207e+03

Iteration 71 | Cost: 1.081181e+03

Iteration 72 | Cost: 1.070825e+03

Iteration 73 | Cost: 1.070257e+03

Iteration 74 | Cost: 1.068034e+03

Iteration 75 | Cost: 1.067588e+03

Iteration 76 | Cost: 1.066645e+03

Iteration 77 | Cost: 1.066422e+03

Iteration 78 | Cost: 1.064405e+03

Iteration 79 | Cost: 1.064087e+03

Iteration 80 | Cost: 1.063114e+03

Iteration 81 | Cost: 1.060661e+03

Iteration 82 | Cost: 1.059173e+03

Iteration 83 | Cost: 1.058954e+03

Iteration 84 | Cost: 1.057929e+03

Iteration 85 | Cost: 1.055545e+03

Iteration 86 | Cost: 1.054966e+03

Iteration 87 | Cost: 1.053499e+03

Iteration 88 | Cost: 1.052581e+03

Iteration 89 | Cost: 1.051482e+03

Iteration 90 | Cost: 1.050893e+03

Iteration 91 | Cost: 1.050536e+03

Iteration 92 | Cost: 1.050184e+03

Iteration 93 | Cost: 1.050108e+03

Iteration 94 | Cost: 1.049076e+03

Iteration 95 | Cost: 1.048302e+03

Iteration 96 | Cost: 1.047269e+03

Iteration 97 | Cost: 1.047119e+03

Iteration 98 | Cost: 1.046714e+03

Iteration 99 | Cost: 1.046612e+03

Iteration 100 | Cost: 1.045490e+03

Iteration 101 | Cost: 1.044883e+03

Iteration 102 | Cost: 1.043202e+03

Iteration 103 | Cost: 1.042844e+03

Iteration 104 | Cost: 1.041916e+03

Iteration 105 | Cost: 1.041658e+03

Iteration 106 | Cost: 1.041520e+03

Iteration 107 | Cost: 1.040304e+03

Iteration 108 | Cost: 1.040084e+03

Iteration 109 | Cost: 1.038435e+03

Iteration 110 | Cost: 1.031890e+03

Iteration 111 | Cost: 1.028716e+03

Iteration 112 | Cost: 1.021852e+03

Iteration 113 | Cost: 1.019811e+03

Iteration 114 | Cost: 1.016798e+03

Iteration 115 | Cost: 1.016666e+03

Iteration 116 | Cost: 1.015859e+03

Iteration 117 | Cost: 1.015206e+03

Iteration 118 | Cost: 1.015098e+03

Iteration 119 | Cost: 1.014681e+03

Iteration 120 | Cost: 1.014319e+03

Iteration 121 | Cost: 1.014106e+03

Iteration 122 | Cost: 1.014094e+03

Iteration 123 | Cost: 1.013939e+03

Iteration 124 | Cost: 1.013805e+03

Iteration 125 | Cost: 1.013666e+03

Iteration 126 | Cost: 1.013599e+03

Iteration 127 | Cost: 1.013577e+03

Iteration 128 | Cost: 1.013409e+03

Iteration 129 | Cost: 1.012979e+03

Iteration 130 | Cost: 1.012915e+03

Iteration 131 | Cost: 1.011202e+03

Iteration 132 | Cost: 1.010206e+03

Iteration 133 | Cost: 1.006130e+03

Iteration 134 | Cost: 1.005943e+03

Iteration 135 | Cost: 1.005410e+03

Iteration 136 | Cost: 1.005246e+03

Iteration 137 | Cost: 1.004770e+03

Iteration 138 | Cost: 1.004714e+03

Iteration 139 | Cost: 1.004550e+03

Iteration 140 | Cost: 1.004477e+03

Iteration 141 | Cost: 1.004176e+03

Iteration 142 | Cost: 1.004111e+03

Iteration 143 | Cost: 1.004038e+03

Iteration 144 | Cost: 1.003873e+03

Iteration 145 | Cost: 1.003771e+03

Iteration 146 | Cost: 1.003158e+03

Iteration 147 | Cost: 1.003032e+03

Iteration 148 | Cost: 1.000752e+03

Iteration 149 | Cost: 9.976294e+02

Iteration 150 | Cost: 9.952600e+02

Iteration 151 | Cost: 9.934580e+02

Iteration 152 | Cost: 9.925910e+02

Iteration 153 | Cost: 9.858812e+02

Iteration 154 | Cost: 9.847079e+02

Iteration 155 | Cost: 9.798599e+02

Iteration 156 | Cost: 9.795163e+02

Iteration 157 | Cost: 9.791295e+02

Iteration 158 | Cost: 9.789481e+02

Iteration 159 | Cost: 9.788404e+02

Iteration 160 | Cost: 9.787924e+02

Iteration 161 | Cost: 9.786058e+02

Iteration 162 | Cost: 9.783950e+02

Iteration 163 | Cost: 9.781987e+02

Iteration 164 | Cost: 9.780198e+02

Iteration 165 | Cost: 9.774614e+02

Iteration 166 | Cost: 9.771421e+02

Iteration 167 | Cost: 9.769911e+02

Iteration 168 | Cost: 9.765797e+02

Iteration 169 | Cost: 9.762336e+02

Iteration 170 | Cost: 9.760607e+02

Iteration 171 | Cost: 9.760220e+02

Iteration 172 | Cost: 9.757787e+02

Iteration 173 | Cost: 9.755923e+02

Iteration 174 | Cost: 9.754970e+02

Iteration 175 | Cost: 9.753919e+02

Iteration 176 | Cost: 9.753308e+02

Iteration 177 | Cost: 9.753131e+02

Iteration 178 | Cost: 9.752953e+02

Iteration 179 | Cost: 9.752709e+02

Iteration 180 | Cost: 9.752311e+02

Iteration 181 | Cost: 9.752141e+02

Iteration 182 | Cost: 9.750076e+02

Iteration 183 | Cost: 9.746211e+02

Iteration 184 | Cost: 9.745673e+02

Iteration 185 | Cost: 9.732176e+02

Iteration 186 | Cost: 9.723224e+02

Iteration 187 | Cost: 9.721326e+02

Iteration 188 | Cost: 9.715550e+02

Iteration 189 | Cost: 9.712203e+02

Iteration 190 | Cost: 9.707945e+02

Iteration 191 | Cost: 9.705835e+02

Iteration 192 | Cost: 9.702757e+02

Iteration 193 | Cost: 9.701897e+02

Iteration 194 | Cost: 9.699447e+02

Iteration 195 | Cost: 9.695849e+02

Iteration 196 | Cost: 9.695099e+02

Iteration 197 | Cost: 9.694234e+02

Iteration 198 | Cost: 9.692268e+02

Iteration 199 | Cost: 9.691393e+02

Iteration 200 | Cost: 9.690810e+02

Iteration 1 | Cost: 2.036977e+04

Iteration 2 | Cost: 1.190963e+04

Iteration 3 | Cost: 7.101095e+03

Iteration 4 | Cost: 3.292016e+03

Iteration 5 | Cost: 2.953667e+03

Iteration 6 | Cost: 2.043226e+03

Iteration 7 | Cost: 1.988385e+03

Iteration 8 | Cost: 1.908111e+03

Iteration 9 | Cost: 1.883900e+03

Iteration 10 | Cost: 1.798598e+03

Iteration 11 | Cost: 1.729267e+03

Iteration 12 | Cost: 1.674538e+03

Iteration 13 | Cost: 1.641057e+03

Iteration 14 | Cost: 1.601628e+03

Iteration 15 | Cost: 1.576861e+03

Iteration 16 | Cost: 1.565959e+03

Iteration 17 | Cost: 1.541338e+03

Iteration 18 | Cost: 1.536621e+03

Iteration 19 | Cost: 1.502862e+03

Iteration 20 | Cost: 1.488973e+03

Iteration 21 | Cost: 1.430271e+03

Iteration 22 | Cost: 1.424619e+03

Iteration 23 | Cost: 1.411221e+03

Iteration 24 | Cost: 1.407717e+03

Iteration 25 | Cost: 1.403158e+03

Iteration 26 | Cost: 1.400898e+03

Iteration 27 | Cost: 1.394300e+03

Iteration 28 | Cost: 1.389727e+03

Iteration 29 | Cost: 1.380331e+03

Iteration 30 | Cost: 1.372727e+03

Iteration 31 | Cost: 1.368519e+03

Iteration 32 | Cost: 1.366412e+03

Iteration 33 | Cost: 1.359956e+03

Iteration 34 | Cost: 1.353250e+03

Iteration 35 | Cost: 1.327253e+03

Iteration 36 | Cost: 1.321144e+03

Iteration 37 | Cost: 1.312996e+03

Iteration 38 | Cost: 1.304136e+03

Iteration 39 | Cost: 1.301834e+03

Iteration 40 | Cost: 1.300519e+03

Iteration 41 | Cost: 1.297895e+03

Iteration 42 | Cost: 1.296392e+03

Iteration 43 | Cost: 1.295506e+03

Iteration 44 | Cost: 1.293700e+03

Iteration 45 | Cost: 1.291238e+03

Iteration 46 | Cost: 1.290652e+03

Iteration 47 | Cost: 1.288287e+03

Iteration 48 | Cost: 1.284546e+03

Iteration 49 | Cost: 1.279455e+03

Iteration 50 | Cost: 1.276636e+03

Iteration 51 | Cost: 1.273667e+03

Iteration 52 | Cost: 1.264344e+03

Iteration 53 | Cost: 1.259418e+03

Iteration 54 | Cost: 1.253041e+03

Iteration 55 | Cost: 1.232313e+03

Iteration 56 | Cost: 1.230608e+03

Iteration 57 | Cost: 1.228739e+03

Iteration 58 | Cost: 1.226419e+03

Iteration 59 | Cost: 1.226092e+03

Iteration 60 | Cost: 1.225659e+03

Iteration 61 | Cost: 1.225168e+03

Iteration 62 | Cost: 1.224122e+03

Iteration 63 | Cost: 1.221824e+03

Iteration 64 | Cost: 1.220747e+03

Iteration 65 | Cost: 1.213308e+03

Iteration 66 | Cost: 1.211527e+03

Iteration 67 | Cost: 1.204607e+03

Iteration 68 | Cost: 1.201526e+03

Iteration 69 | Cost: 1.199440e+03

Iteration 70 | Cost: 1.197745e+03

Iteration 71 | Cost: 1.192971e+03

Iteration 72 | Cost: 1.178373e+03

Iteration 73 | Cost: 1.172519e+03

Iteration 74 | Cost: 1.156990e+03

Iteration 75 | Cost: 1.152009e+03

Iteration 76 | Cost: 1.144561e+03

Iteration 77 | Cost: 1.144197e+03

Iteration 78 | Cost: 1.142498e+03

Iteration 79 | Cost: 1.142330e+03

Iteration 80 | Cost: 1.138548e+03

Iteration 81 | Cost: 1.134649e+03

Iteration 82 | Cost: 1.124767e+03

Iteration 83 | Cost: 1.120891e+03

Iteration 84 | Cost: 1.081826e+03

Iteration 85 | Cost: 1.072672e+03

Iteration 86 | Cost: 1.063187e+03

Iteration 87 | Cost: 1.058788e+03

Iteration 88 | Cost: 1.058568e+03

Iteration 89 | Cost: 1.055743e+03

Iteration 90 | Cost: 1.055124e+03

Iteration 91 | Cost: 1.054278e+03

Iteration 92 | Cost: 1.054201e+03

Iteration 93 | Cost: 1.053646e+03

Iteration 94 | Cost: 1.053284e+03

Iteration 95 | Cost: 1.052742e+03

Iteration 96 | Cost: 1.052291e+03

Iteration 97 | Cost: 1.052095e+03

Iteration 98 | Cost: 1.051875e+03

Iteration 99 | Cost: 1.051759e+03

Iteration 100 | Cost: 1.050436e+03

Iteration 101 | Cost: 1.050226e+03

Iteration 102 | Cost: 1.049639e+03

Iteration 103 | Cost: 1.049442e+03

Iteration 104 | Cost: 1.048614e+03

Iteration 105 | Cost: 1.048554e+03

Iteration 106 | Cost: 1.047838e+03

Iteration 107 | Cost: 1.047248e+03

Iteration 108 | Cost: 1.041345e+03

Iteration 109 | Cost: 1.035545e+03

Iteration 110 | Cost: 1.028832e+03

Iteration 111 | Cost: 1.027611e+03

Iteration 112 | Cost: 1.026002e+03

Iteration 113 | Cost: 1.024276e+03

Iteration 114 | Cost: 1.024162e+03

Iteration 115 | Cost: 1.022579e+03

Iteration 116 | Cost: 1.021724e+03

Iteration 117 | Cost: 1.021519e+03

Iteration 118 | Cost: 1.019831e+03

Iteration 119 | Cost: 1.018194e+03

Iteration 120 | Cost: 1.017529e+03

Iteration 121 | Cost: 1.017171e+03

Iteration 122 | Cost: 1.015659e+03

Iteration 123 | Cost: 1.015170e+03

Iteration 124 | Cost: 1.013796e+03

Iteration 125 | Cost: 1.012466e+03

Iteration 126 | Cost: 1.010675e+03

Iteration 127 | Cost: 1.010419e+03

Iteration 128 | Cost: 1.008421e+03

Iteration 129 | Cost: 1.008098e+03

Iteration 130 | Cost: 1.006964e+03

Iteration 131 | Cost: 1.006748e+03

Iteration 132 | Cost: 1.006455e+03

Iteration 133 | Cost: 1.006404e+03

Iteration 134 | Cost: 1.006276e+03

Iteration 135 | Cost: 1.006211e+03

Iteration 136 | Cost: 1.005721e+03

Iteration 137 | Cost: 1.005531e+03

Iteration 138 | Cost: 1.004929e+03

Iteration 139 | Cost: 1.004335e+03

Iteration 140 | Cost: 1.004204e+03

Iteration 141 | Cost: 1.003361e+03

Iteration 142 | Cost: 1.002860e+03

Iteration 143 | Cost: 1.002613e+03

Iteration 144 | Cost: 1.001085e+03

Iteration 145 | Cost: 9.996976e+02

Iteration 146 | Cost: 9.976452e+02

Iteration 147 | Cost: 9.974453e+02

Iteration 148 | Cost: 9.966549e+02

Iteration 149 | Cost: 9.964597e+02

Iteration 150 | Cost: 9.958233e+02

Iteration 151 | Cost: 9.952083e+02

Iteration 152 | Cost: 9.937436e+02

Iteration 153 | Cost: 9.933249e+02

Iteration 154 | Cost: 9.922277e+02

Iteration 155 | Cost: 9.906431e+02

Iteration 156 | Cost: 9.902467e+02

Iteration 157 | Cost: 9.901614e+02

Iteration 158 | Cost: 9.898773e+02

Iteration 159 | Cost: 9.895796e+02

Iteration 160 | Cost: 9.894641e+02

Iteration 161 | Cost: 9.893418e+02

Iteration 162 | Cost: 9.893154e+02

Iteration 163 | Cost: 9.890324e+02

Iteration 164 | Cost: 9.889505e+02

Iteration 165 | Cost: 9.888330e+02

Iteration 166 | Cost: 9.888067e+02

Iteration 167 | Cost: 9.887682e+02

Iteration 168 | Cost: 9.887289e+02

Iteration 169 | Cost: 9.886628e+02

Iteration 170 | Cost: 9.885794e+02

Iteration 171 | Cost: 9.884902e+02

Iteration 172 | Cost: 9.884475e+02

Iteration 173 | Cost: 9.884313e+02

Iteration 174 | Cost: 9.883840e+02

Iteration 175 | Cost: 9.883642e+02

Iteration 176 | Cost: 9.882048e+02

Iteration 177 | Cost: 9.880218e+02

Iteration 178 | Cost: 9.870656e+02

Iteration 179 | Cost: 9.861190e+02

Iteration 180 | Cost: 9.770205e+02

Iteration 181 | Cost: 9.761078e+02

Iteration 182 | Cost: 9.740903e+02

Iteration 183 | Cost: 9.738041e+02

Iteration 184 | Cost: 9.730321e+02

Iteration 185 | Cost: 9.714907e+02

Iteration 186 | Cost: 9.714000e+02

Iteration 187 | Cost: 9.712919e+02

Iteration 188 | Cost: 9.706451e+02

Iteration 189 | Cost: 9.705182e+02

Iteration 190 | Cost: 9.703892e+02

Iteration 191 | Cost: 9.701181e+02

Iteration 192 | Cost: 9.699744e+02

Iteration 193 | Cost: 9.698386e+02

Iteration 194 | Cost: 9.697444e+02

Iteration 195 | Cost: 9.695334e+02

Iteration 196 | Cost: 9.688317e+02

Iteration 197 | Cost: 9.680686e+02

Iteration 198 | Cost: 9.672798e+02

Iteration 199 | Cost: 9.666694e+02

Iteration 200 | Cost: 9.660822e+02

Iteration 1 | Cost: 2.118082e+04

Iteration 2 | Cost: 1.603454e+04

Iteration 3 | Cost: 1.096379e+04

Iteration 4 | Cost: 7.460050e+03

Iteration 5 | Cost: 6.334420e+03

Iteration 6 | Cost: 5.671408e+03

Iteration 7 | Cost: 5.289998e+03

Iteration 8 | Cost: 4.692515e+03

Iteration 9 | Cost: 4.640434e+03

Iteration 10 | Cost: 4.243991e+03

Iteration 11 | Cost: 4.200893e+03

Iteration 12 | Cost: 4.057495e+03

Iteration 13 | Cost: 4.016208e+03

Iteration 14 | Cost: 3.898806e+03

Iteration 15 | Cost: 3.879142e+03

Iteration 16 | Cost: 3.825727e+03

Iteration 17 | Cost: 3.820823e+03

Iteration 18 | Cost: 3.787868e+03

Iteration 19 | Cost: 3.777920e+03

Iteration 20 | Cost: 3.705510e+03

Iteration 21 | Cost: 3.685415e+03

Iteration 22 | Cost: 3.613252e+03

Iteration 23 | Cost: 3.608841e+03

Iteration 24 | Cost: 3.601102e+03

Iteration 25 | Cost: 3.599077e+03

Iteration 26 | Cost: 3.576001e+03

Iteration 27 | Cost: 3.568591e+03

Iteration 28 | Cost: 3.543684e+03

Iteration 29 | Cost: 3.525778e+03

Iteration 30 | Cost: 3.515197e+03

Iteration 31 | Cost: 3.504239e+03

Iteration 32 | Cost: 3.462093e+03

Iteration 33 | Cost: 3.453241e+03

Iteration 34 | Cost: 3.422599e+03

Iteration 35 | Cost: 3.417165e+03

Iteration 36 | Cost: 3.410306e+03

Iteration 37 | Cost: 3.397816e+03

Iteration 38 | Cost: 3.393776e+03

Iteration 39 | Cost: 3.381547e+03

Iteration 40 | Cost: 3.375765e+03

Iteration 41 | Cost: 3.350947e+03

Iteration 42 | Cost: 3.349291e+03

Iteration 43 | Cost: 3.344790e+03

Iteration 44 | Cost: 3.343642e+03

Iteration 45 | Cost: 3.339231e+03

Iteration 46 | Cost: 3.337221e+03

Iteration 47 | Cost: 3.336365e+03

Iteration 48 | Cost: 3.333882e+03

Iteration 49 | Cost: 3.332080e+03

Iteration 50 | Cost: 3.326856e+03

Iteration 51 | Cost: 3.324150e+03

Iteration 52 | Cost: 3.312313e+03

Iteration 53 | Cost: 3.310670e+03

Iteration 54 | Cost: 3.304917e+03

Iteration 55 | Cost: 3.304446e+03

Iteration 56 | Cost: 3.303689e+03

Iteration 57 | Cost: 3.303519e+03

Iteration 58 | Cost: 3.302755e+03

Iteration 59 | Cost: 3.302136e+03

Iteration 60 | Cost: 3.295635e+03

Iteration 61 | Cost: 3.294604e+03

Iteration 62 | Cost: 3.290444e+03

Iteration 63 | Cost: 3.288861e+03

Iteration 64 | Cost: 3.288857e+03

Iteration 65 | Cost: 3.287490e+03

Iteration 66 | Cost: 3.286722e+03

Iteration 67 | Cost: 3.285684e+03

Iteration 68 | Cost: 3.285086e+03

Iteration 69 | Cost: 3.284208e+03

Iteration 70 | Cost: 3.283834e+03

Iteration 71 | Cost: 3.283348e+03

Iteration 72 | Cost: 3.282670e+03

Iteration 73 | Cost: 3.281897e+03

Iteration 74 | Cost: 3.281567e+03

Iteration 75 | Cost: 3.273848e+03

Iteration 76 | Cost: 3.242710e+03

Iteration 77 | Cost: 3.241743e+03

Iteration 78 | Cost: 3.237651e+03

Iteration 79 | Cost: 3.236468e+03

Iteration 80 | Cost: 3.232626e+03

Iteration 81 | Cost: 3.230892e+03

Iteration 82 | Cost: 3.228438e+03

Iteration 83 | Cost: 3.228348e+03

Iteration 84 | Cost: 3.227542e+03

Iteration 85 | Cost: 3.227223e+03

Iteration 86 | Cost: 3.219114e+03

Iteration 87 | Cost: 3.217898e+03

Iteration 88 | Cost: 3.209766e+03

Iteration 89 | Cost: 3.205012e+03

Iteration 90 | Cost: 3.194696e+03

Iteration 91 | Cost: 3.184475e+03

Iteration 92 | Cost: 3.175919e+03

Iteration 93 | Cost: 3.163766e+03

Iteration 94 | Cost: 3.151774e+03

Iteration 95 | Cost: 3.139569e+03

Iteration 96 | Cost: 3.133394e+03

Iteration 97 | Cost: 3.130117e+03

Iteration 98 | Cost: 3.121850e+03

Iteration 99 | Cost: 3.120423e+03

Iteration 100 | Cost: 3.115542e+03

Iteration 101 | Cost: 3.114727e+03

Iteration 102 | Cost: 3.112902e+03

Iteration 103 | Cost: 3.112651e+03

Iteration 104 | Cost: 3.112072e+03

Iteration 105 | Cost: 3.111402e+03

Iteration 106 | Cost: 3.110754e+03

Iteration 107 | Cost: 3.109481e+03

Iteration 108 | Cost: 3.109100e+03

Iteration 109 | Cost: 3.107945e+03

Iteration 110 | Cost: 3.107707e+03

Iteration 111 | Cost: 3.106081e+03

Iteration 112 | Cost: 3.105407e+03

Iteration 113 | Cost: 3.102786e+03

Iteration 114 | Cost: 3.100616e+03

Iteration 115 | Cost: 3.099523e+03

Iteration 116 | Cost: 3.098356e+03

Iteration 117 | Cost: 3.098000e+03

Iteration 118 | Cost: 3.096838e+03

Iteration 119 | Cost: 3.096401e+03

Iteration 120 | Cost: 3.096003e+03

Iteration 121 | Cost: 3.095736e+03

Iteration 122 | Cost: 3.095654e+03

Iteration 123 | Cost: 3.095407e+03

Iteration 124 | Cost: 3.095098e+03

Iteration 125 | Cost: 3.094794e+03

Iteration 126 | Cost: 3.094202e+03

Iteration 127 | Cost: 3.093982e+03

Iteration 128 | Cost: 3.092223e+03

Iteration 129 | Cost: 3.091535e+03

Iteration 130 | Cost: 3.087221e+03

Iteration 131 | Cost: 3.085067e+03

Iteration 132 | Cost: 3.084693e+03

Iteration 133 | Cost: 3.080337e+03

Iteration 134 | Cost: 3.078328e+03

Iteration 135 | Cost: 3.077699e+03

Iteration 136 | Cost: 3.076205e+03

Iteration 137 | Cost: 3.075851e+03

Iteration 138 | Cost: 3.073711e+03

Iteration 139 | Cost: 3.073519e+03

Iteration 140 | Cost: 3.071977e+03

Iteration 141 | Cost: 3.071623e+03

Iteration 142 | Cost: 3.071110e+03

Iteration 143 | Cost: 3.071076e+03

Iteration 144 | Cost: 3.070687e+03

Iteration 145 | Cost: 3.070631e+03

Iteration 146 | Cost: 3.070253e+03

Iteration 147 | Cost: 3.070177e+03

Iteration 148 | Cost: 3.069708e+03

Iteration 149 | Cost: 3.069659e+03

Iteration 150 | Cost: 3.069085e+03

Iteration 151 | Cost: 3.069049e+03

Iteration 152 | Cost: 3.068954e+03

Iteration 153 | Cost: 3.068812e+03

Iteration 154 | Cost: 3.068794e+03

Iteration 155 | Cost: 3.068652e+03

Iteration 156 | Cost: 3.068519e+03

Iteration 157 | Cost: 3.066883e+03

Iteration 158 | Cost: 3.066471e+03

Iteration 159 | Cost: 3.066109e+03

Iteration 160 | Cost: 3.065610e+03

Iteration 161 | Cost: 3.065361e+03

Iteration 162 | Cost: 3.065034e+03

Iteration 163 | Cost: 3.064896e+03

Iteration 164 | Cost: 3.064410e+03

Iteration 165 | Cost: 3.064327e+03

Iteration 166 | Cost: 3.064007e+03

Iteration 167 | Cost: 3.063966e+03

Iteration 168 | Cost: 3.063803e+03

Iteration 169 | Cost: 3.063709e+03

Iteration 170 | Cost: 3.063690e+03

Iteration 171 | Cost: 3.063565e+03

Iteration 172 | Cost: 3.063140e+03

Iteration 173 | Cost: 3.062898e+03

Iteration 174 | Cost: 3.061973e+03

Iteration 175 | Cost: 3.061811e+03

Iteration 176 | Cost: 3.061577e+03

Iteration 177 | Cost: 3.061554e+03

Iteration 178 | Cost: 3.061379e+03

Iteration 179 | Cost: 3.061177e+03

Iteration 180 | Cost: 3.061114e+03

Iteration 181 | Cost: 3.061056e+03

Iteration 182 | Cost: 3.060993e+03

Iteration 183 | Cost: 3.060942e+03

Iteration 184 | Cost: 3.060787e+03

Iteration 185 | Cost: 3.060717e+03

Iteration 186 | Cost: 3.060439e+03

Iteration 187 | Cost: 3.060424e+03

Iteration 188 | Cost: 3.060348e+03

Iteration 189 | Cost: 3.060323e+03

Iteration 190 | Cost: 3.060241e+03

Iteration 191 | Cost: 3.060214e+03

Iteration 192 | Cost: 3.059980e+03

Iteration 193 | Cost: 3.059909e+03

Iteration 194 | Cost: 3.059466e+03

Iteration 195 | Cost: 3.059381e+03

Iteration 196 | Cost: 3.058499e+03

Iteration 197 | Cost: 3.058373e+03

Iteration 198 | Cost: 3.057884e+03

Iteration 199 | Cost: 3.057825e+03

Iteration 200 | Cost: 3.057743e+03

Iteration 1 | Cost: 2.125272e+04

Iteration 2 | Cost: 1.607343e+04

Iteration 3 | Cost: 1.112371e+04

Iteration 4 | Cost: 7.864078e+03

Iteration 5 | Cost: 7.038879e+03

Iteration 6 | Cost: 6.759149e+03

Iteration 7 | Cost: 6.334013e+03

Iteration 8 | Cost: 6.051601e+03

Iteration 9 | Cost: 5.392130e+03

Iteration 10 | Cost: 5.321057e+03

Iteration 11 | Cost: 5.022297e+03

Iteration 12 | Cost: 4.990370e+03

Iteration 13 | Cost: 4.947629e+03

Iteration 14 | Cost: 4.816713e+03

Iteration 15 | Cost: 4.767993e+03

Iteration 16 | Cost: 4.708665e+03

Iteration 17 | Cost: 4.584344e+03

Iteration 18 | Cost: 4.550355e+03

Iteration 19 | Cost: 4.515110e+03

Iteration 20 | Cost: 4.445055e+03

Iteration 21 | Cost: 4.424010e+03

Iteration 22 | Cost: 4.406884e+03

Iteration 23 | Cost: 4.392997e+03

Iteration 24 | Cost: 4.385221e+03

Iteration 25 | Cost: 4.374309e+03

Iteration 26 | Cost: 4.346767e+03

Iteration 27 | Cost: 4.267286e+03

Iteration 28 | Cost: 4.204562e+03

Iteration 29 | Cost: 4.168192e+03

Iteration 30 | Cost: 4.089671e+03

Iteration 31 | Cost: 4.048311e+03

Iteration 32 | Cost: 4.033525e+03

Iteration 33 | Cost: 4.028454e+03

Iteration 34 | Cost: 4.010412e+03

Iteration 35 | Cost: 4.005258e+03

Iteration 36 | Cost: 3.988732e+03

Iteration 37 | Cost: 3.983972e+03

Iteration 38 | Cost: 3.969251e+03

Iteration 39 | Cost: 3.967171e+03

Iteration 40 | Cost: 3.953815e+03

Iteration 41 | Cost: 3.948142e+03

Iteration 42 | Cost: 3.940245e+03

Iteration 43 | Cost: 3.939043e+03

Iteration 44 | Cost: 3.936319e+03

Iteration 45 | Cost: 3.934777e+03

Iteration 46 | Cost: 3.933964e+03

Iteration 47 | Cost: 3.933560e+03

Iteration 48 | Cost: 3.932672e+03

Iteration 49 | Cost: 3.929835e+03

Iteration 50 | Cost: 3.928779e+03

Iteration 51 | Cost: 3.919255e+03

Iteration 52 | Cost: 3.916152e+03

Iteration 53 | Cost: 3.903932e+03

Iteration 54 | Cost: 3.903632e+03

Iteration 55 | Cost: 3.901499e+03

Iteration 56 | Cost: 3.900783e+03

Iteration 57 | Cost: 3.898003e+03

Iteration 58 | Cost: 3.897297e+03

Iteration 59 | Cost: 3.894462e+03

Iteration 60 | Cost: 3.893700e+03

Iteration 61 | Cost: 3.891382e+03

Iteration 62 | Cost: 3.891120e+03

Iteration 63 | Cost: 3.887801e+03

Iteration 64 | Cost: 3.887407e+03

Iteration 65 | Cost: 3.884947e+03

Iteration 66 | Cost: 3.883796e+03

Iteration 67 | Cost: 3.874690e+03

Iteration 68 | Cost: 3.872793e+03

Iteration 69 | Cost: 3.858711e+03

Iteration 70 | Cost: 3.857252e+03

Iteration 71 | Cost: 3.844831e+03

Iteration 72 | Cost: 3.843490e+03

Iteration 73 | Cost: 3.838782e+03

Iteration 74 | Cost: 3.838656e+03

Iteration 75 | Cost: 3.837141e+03

Iteration 76 | Cost: 3.836535e+03

Iteration 77 | Cost: 3.834295e+03

Iteration 78 | Cost: 3.830259e+03

Iteration 79 | Cost: 3.827591e+03

Iteration 80 | Cost: 3.813209e+03

Iteration 81 | Cost: 3.810383e+03

Iteration 82 | Cost: 3.804073e+03

Iteration 83 | Cost: 3.802964e+03

Iteration 84 | Cost: 3.798169e+03

Iteration 85 | Cost: 3.794325e+03

Iteration 86 | Cost: 3.792934e+03

Iteration 87 | Cost: 3.789447e+03

Iteration 88 | Cost: 3.788624e+03

Iteration 89 | Cost: 3.786165e+03

Iteration 90 | Cost: 3.782962e+03

Iteration 91 | Cost: 3.782394e+03

Iteration 92 | Cost: 3.780921e+03

Iteration 93 | Cost: 3.779777e+03

Iteration 94 | Cost: 3.778854e+03

Iteration 95 | Cost: 3.778379e+03

Iteration 96 | Cost: 3.777938e+03

Iteration 97 | Cost: 3.776299e+03

Iteration 98 | Cost: 3.776094e+03

Iteration 99 | Cost: 3.775869e+03

Iteration 100 | Cost: 3.775025e+03

Iteration 101 | Cost: 3.774884e+03

Iteration 102 | Cost: 3.774688e+03

Iteration 103 | Cost: 3.774590e+03

Iteration 104 | Cost: 3.774560e+03

Iteration 105 | Cost: 3.774348e+03

Iteration 106 | Cost: 3.773525e+03

Iteration 107 | Cost: 3.773249e+03

Iteration 108 | Cost: 3.772863e+03

Iteration 109 | Cost: 3.772788e+03

Iteration 110 | Cost: 3.772596e+03

Iteration 111 | Cost: 3.772552e+03

Iteration 112 | Cost: 3.771723e+03

Iteration 113 | Cost: 3.771613e+03

Iteration 114 | Cost: 3.770654e+03

Iteration 115 | Cost: 3.769472e+03

Iteration 116 | Cost: 3.768318e+03

Iteration 117 | Cost: 3.767022e+03

Iteration 118 | Cost: 3.765950e+03

Iteration 119 | Cost: 3.762831e+03

Iteration 120 | Cost: 3.761269e+03

Iteration 121 | Cost: 3.754905e+03

Iteration 122 | Cost: 3.754696e+03

Iteration 123 | Cost: 3.753091e+03

Iteration 124 | Cost: 3.752935e+03

Iteration 125 | Cost: 3.751972e+03

Iteration 126 | Cost: 3.751766e+03

Iteration 127 | Cost: 3.750967e+03

Iteration 128 | Cost: 3.750928e+03

Iteration 129 | Cost: 3.750810e+03

Iteration 130 | Cost: 3.750754e+03

Iteration 131 | Cost: 3.750525e+03

Iteration 132 | Cost: 3.750316e+03

Iteration 133 | Cost: 3.749575e+03

Iteration 134 | Cost: 3.749474e+03

Iteration 135 | Cost: 3.749324e+03

Iteration 136 | Cost: 3.749318e+03

Iteration 137 | Cost: 3.748624e+03

Iteration 138 | Cost: 3.748117e+03

Iteration 139 | Cost: 3.747563e+03

Iteration 140 | Cost: 3.746433e+03

Iteration 141 | Cost: 3.745935e+03

Iteration 142 | Cost: 3.745525e+03

Iteration 143 | Cost: 3.745202e+03

Iteration 144 | Cost: 3.744476e+03

Iteration 145 | Cost: 3.744294e+03

Iteration 146 | Cost: 3.743778e+03

Iteration 147 | Cost: 3.743565e+03

Iteration 148 | Cost: 3.743304e+03

Iteration 149 | Cost: 3.742993e+03

Iteration 150 | Cost: 3.742897e+03

Iteration 151 | Cost: 3.742541e+03

Iteration 152 | Cost: 3.742218e+03

Iteration 153 | Cost: 3.741442e+03

Iteration 154 | Cost: 3.741188e+03

Iteration 155 | Cost: 3.740513e+03

Iteration 156 | Cost: 3.740209e+03

Iteration 157 | Cost: 3.740168e+03

Iteration 158 | Cost: 3.739863e+03

Iteration 159 | Cost: 3.739746e+03

Iteration 160 | Cost: 3.738502e+03

Iteration 161 | Cost: 3.738326e+03

Iteration 162 | Cost: 3.737807e+03

Iteration 163 | Cost: 3.737717e+03

Iteration 164 | Cost: 3.737476e+03

Iteration 165 | Cost: 3.737194e+03

Iteration 166 | Cost: 3.737124e+03

Iteration 167 | Cost: 3.736929e+03

Iteration 168 | Cost: 3.736894e+03

Iteration 169 | Cost: 3.736779e+03

Iteration 170 | Cost: 3.736531e+03

Iteration 171 | Cost: 3.736498e+03

Iteration 172 | Cost: 3.736168e+03

Iteration 173 | Cost: 3.735427e+03

Iteration 174 | Cost: 3.733921e+03

Iteration 175 | Cost: 3.732781e+03

Iteration 176 | Cost: 3.731795e+03

Iteration 177 | Cost: 3.731249e+03

Iteration 178 | Cost: 3.730620e+03

Iteration 179 | Cost: 3.730586e+03

Iteration 180 | Cost: 3.730225e+03

Iteration 181 | Cost: 3.729869e+03

Iteration 182 | Cost: 3.729682e+03

Iteration 183 | Cost: 3.729636e+03

Iteration 184 | Cost: 3.729477e+03

Iteration 185 | Cost: 3.729387e+03

Iteration 186 | Cost: 3.729355e+03

Iteration 187 | Cost: 3.729337e+03

Iteration 188 | Cost: 3.729310e+03

Iteration 189 | Cost: 3.729233e+03

Iteration 190 | Cost: 3.729120e+03

Iteration 191 | Cost: 3.729109e+03

Iteration 192 | Cost: 3.728978e+03

Iteration 193 | Cost: 3.728693e+03

Iteration 194 | Cost: 3.728508e+03

Iteration 195 | Cost: 3.728312e+03

Iteration 196 | Cost: 3.726389e+03

Iteration 197 | Cost: 3.725394e+03

Iteration 198 | Cost: 3.722853e+03

Iteration 199 | Cost: 3.722738e+03

Iteration 200 | Cost: 3.722264e+03

Iteration 1 | Cost: 2.078010e+04

Iteration 2 | Cost: 1.447074e+04

Iteration 3 | Cost: 1.068284e+04

Iteration 4 | Cost: 7.512091e+03

Iteration 5 | Cost: 6.635860e+03

Iteration 6 | Cost: 5.616679e+03

Iteration 7 | Cost: 4.833975e+03

Iteration 8 | Cost: 3.880092e+03

Iteration 9 | Cost: 3.818304e+03

Iteration 10 | Cost: 3.611013e+03

Iteration 11 | Cost: 3.442158e+03

Iteration 12 | Cost: 3.331527e+03

Iteration 13 | Cost: 3.285921e+03

Iteration 14 | Cost: 3.263071e+03

Iteration 15 | Cost: 3.232399e+03

Iteration 16 | Cost: 3.204873e+03

Iteration 17 | Cost: 3.045345e+03

Iteration 18 | Cost: 3.024569e+03

Iteration 19 | Cost: 2.979179e+03

Iteration 20 | Cost: 2.957191e+03

Iteration 21 | Cost: 2.911621e+03

Iteration 22 | Cost: 2.868195e+03

Iteration 23 | Cost: 2.856330e+03

Iteration 24 | Cost: 2.839024e+03

Iteration 25 | Cost: 2.797602e+03

Iteration 26 | Cost: 2.770092e+03

Iteration 27 | Cost: 2.769963e+03

Iteration 28 | Cost: 2.766284e+03

Iteration 29 | Cost: 2.744039e+03

Iteration 30 | Cost: 2.741776e+03

Iteration 31 | Cost: 2.711111e+03

Iteration 32 | Cost: 2.703929e+03

Iteration 33 | Cost: 2.673279e+03

Iteration 34 | Cost: 2.668501e+03

Iteration 35 | Cost: 2.656276e+03

Iteration 36 | Cost: 2.649218e+03

Iteration 37 | Cost: 2.637921e+03

Iteration 38 | Cost: 2.610557e+03

Iteration 39 | Cost: 2.575184e+03

Iteration 40 | Cost: 2.572262e+03

Iteration 41 | Cost: 2.561366e+03

Iteration 42 | Cost: 2.560070e+03

Iteration 43 | Cost: 2.555043e+03

Iteration 44 | Cost: 2.553685e+03

Iteration 45 | Cost: 2.544066e+03

Iteration 46 | Cost: 2.538460e+03

Iteration 47 | Cost: 2.517754e+03

Iteration 48 | Cost: 2.515150e+03

Iteration 49 | Cost: 2.495206e+03

Iteration 50 | Cost: 2.467874e+03

Iteration 51 | Cost: 2.465529e+03

Iteration 52 | Cost: 2.455969e+03

Iteration 53 | Cost: 2.455227e+03

Iteration 54 | Cost: 2.452081e+03

Iteration 55 | Cost: 2.449428e+03

Iteration 56 | Cost: 2.443257e+03

Iteration 57 | Cost: 2.440558e+03

Iteration 58 | Cost: 2.434348e+03

Iteration 59 | Cost: 2.430752e+03

Iteration 60 | Cost: 2.428135e+03

Iteration 61 | Cost: 2.424470e+03

Iteration 62 | Cost: 2.405420e+03

Iteration 63 | Cost: 2.399475e+03

Iteration 64 | Cost: 2.386167e+03

Iteration 65 | Cost: 2.383239e+03

Iteration 66 | Cost: 2.379485e+03

Iteration 67 | Cost: 2.379297e+03

Iteration 68 | Cost: 2.378985e+03

Iteration 69 | Cost: 2.378621e+03

Iteration 70 | Cost: 2.377568e+03

Iteration 71 | Cost: 2.376902e+03

Iteration 72 | Cost: 2.376768e+03

Iteration 73 | Cost: 2.376423e+03

Iteration 74 | Cost: 2.374991e+03

Iteration 75 | Cost: 2.374696e+03

Iteration 76 | Cost: 2.372790e+03

Iteration 77 | Cost: 2.371589e+03

Iteration 78 | Cost: 2.367178e+03

Iteration 79 | Cost: 2.363183e+03

Iteration 80 | Cost: 2.358422e+03

Iteration 81 | Cost: 2.357377e+03

Iteration 82 | Cost: 2.355182e+03

Iteration 83 | Cost: 2.354250e+03

Iteration 84 | Cost: 2.353624e+03

Iteration 85 | Cost: 2.353454e+03

Iteration 86 | Cost: 2.353241e+03

Iteration 87 | Cost: 2.352537e+03

Iteration 88 | Cost: 2.352206e+03

Iteration 89 | Cost: 2.351761e+03

Iteration 90 | Cost: 2.351284e+03

Iteration 91 | Cost: 2.350826e+03

Iteration 92 | Cost: 2.350664e+03

Iteration 93 | Cost: 2.349957e+03

Iteration 94 | Cost: 2.349795e+03

Iteration 95 | Cost: 2.348719e+03

Iteration 96 | Cost: 2.348381e+03

Iteration 97 | Cost: 2.341264e+03

Iteration 98 | Cost: 2.339118e+03

Iteration 99 | Cost: 2.321946e+03

Iteration 100 | Cost: 2.314049e+03

Iteration 101 | Cost: 2.292723e+03

Iteration 102 | Cost: 2.273128e+03

Iteration 103 | Cost: 2.263251e+03

Iteration 104 | Cost: 2.258074e+03

Iteration 105 | Cost: 2.256903e+03

Iteration 106 | Cost: 2.254188e+03

Iteration 107 | Cost: 2.252230e+03

Iteration 108 | Cost: 2.251861e+03

Iteration 109 | Cost: 2.247513e+03

Iteration 110 | Cost: 2.245443e+03

Iteration 111 | Cost: 2.245417e+03

Iteration 112 | Cost: 2.244154e+03

Iteration 113 | Cost: 2.243869e+03

Iteration 114 | Cost: 2.243509e+03

Iteration 115 | Cost: 2.243191e+03

Iteration 116 | Cost: 2.242458e+03

Iteration 117 | Cost: 2.241433e+03

Iteration 118 | Cost: 2.240819e+03

Iteration 119 | Cost: 2.240431e+03

Iteration 120 | Cost: 2.240034e+03

Iteration 121 | Cost: 2.239468e+03

Iteration 122 | Cost: 2.239263e+03

Iteration 123 | Cost: 2.238957e+03

Iteration 124 | Cost: 2.238849e+03

Iteration 125 | Cost: 2.238699e+03

Iteration 126 | Cost: 2.238554e+03

Iteration 127 | Cost: 2.237617e+03

Iteration 128 | Cost: 2.236330e+03

Iteration 129 | Cost: 2.235377e+03

Iteration 130 | Cost: 2.232003e+03

Iteration 131 | Cost: 2.231359e+03

Iteration 132 | Cost: 2.228860e+03

Iteration 133 | Cost: 2.227438e+03

Iteration 134 | Cost: 2.227003e+03

Iteration 135 | Cost: 2.225029e+03

Iteration 136 | Cost: 2.224518e+03

Iteration 137 | Cost: 2.224009e+03

Iteration 138 | Cost: 2.223531e+03

Iteration 139 | Cost: 2.223350e+03

Iteration 140 | Cost: 2.223168e+03

Iteration 141 | Cost: 2.223041e+03

Iteration 142 | Cost: 2.223003e+03

Iteration 143 | Cost: 2.222917e+03

Iteration 144 | Cost: 2.222741e+03

Iteration 145 | Cost: 2.222622e+03

Iteration 146 | Cost: 2.222534e+03

Iteration 147 | Cost: 2.222440e+03

Iteration 148 | Cost: 2.222243e+03

Iteration 149 | Cost: 2.222205e+03

Iteration 150 | Cost: 2.222099e+03

Iteration 151 | Cost: 2.222053e+03

Iteration 152 | Cost: 2.221871e+03

Iteration 153 | Cost: 2.221463e+03

Iteration 154 | Cost: 2.220579e+03

Iteration 155 | Cost: 2.220407e+03

Iteration 156 | Cost: 2.219898e+03

Iteration 157 | Cost: 2.219871e+03

Iteration 158 | Cost: 2.219610e+03

Iteration 159 | Cost: 2.219512e+03

Iteration 160 | Cost: 2.219170e+03

Iteration 161 | Cost: 2.219118e+03

Iteration 162 | Cost: 2.218921e+03

Iteration 163 | Cost: 2.218756e+03

Iteration 164 | Cost: 2.218564e+03

Iteration 165 | Cost: 2.218512e+03

Iteration 166 | Cost: 2.218465e+03

Iteration 167 | Cost: 2.218432e+03

Iteration 168 | Cost: 2.218363e+03

Iteration 169 | Cost: 2.218181e+03

Iteration 170 | Cost: 2.218044e+03

Iteration 171 | Cost: 2.217848e+03

Iteration 172 | Cost: 2.217674e+03

Iteration 173 | Cost: 2.217188e+03

Iteration 174 | Cost: 2.217050e+03

Iteration 175 | Cost: 2.216858e+03

Iteration 176 | Cost: 2.216847e+03

Iteration 177 | Cost: 2.216710e+03

Iteration 178 | Cost: 2.216619e+03

Iteration 179 | Cost: 2.216541e+03

Iteration 180 | Cost: 2.216425e+03

Iteration 181 | Cost: 2.216237e+03

Iteration 182 | Cost: 2.216186e+03

Iteration 183 | Cost: 2.216114e+03

Iteration 184 | Cost: 2.216060e+03

Iteration 185 | Cost: 2.215692e+03

Iteration 186 | Cost: 2.215494e+03

Iteration 187 | Cost: 2.212941e+03

Iteration 188 | Cost: 2.212434e+03

Iteration 189 | Cost: 2.211402e+03

Iteration 190 | Cost: 2.208632e+03

Iteration 191 | Cost: 2.205941e+03

Iteration 192 | Cost: 2.203800e+03

Iteration 193 | Cost: 2.200186e+03

Iteration 194 | Cost: 2.196765e+03

Iteration 195 | Cost: 2.193754e+03

Iteration 196 | Cost: 2.193130e+03

Iteration 197 | Cost: 2.192717e+03

Iteration 198 | Cost: 2.192264e+03

Iteration 199 | Cost: 2.191438e+03

Iteration 200 | Cost: 2.191204e+03

Iteration 1 | Cost: 2.071182e+04

Iteration 2 | Cost: 1.492070e+04

Iteration 3 | Cost: 1.212560e+04

Iteration 4 | Cost: 9.506507e+03

Iteration 5 | Cost: 8.923470e+03

Iteration 6 | Cost: 7.669562e+03

Iteration 7 | Cost: 6.867199e+03

Iteration 8 | Cost: 6.023876e+03

Iteration 9 | Cost: 5.960997e+03

Iteration 10 | Cost: 5.928323e+03

Iteration 11 | Cost: 5.836993e+03

Iteration 12 | Cost: 5.536172e+03

Iteration 13 | Cost: 5.496445e+03

Iteration 14 | Cost: 5.430805e+03

Iteration 15 | Cost: 5.404827e+03

Iteration 16 | Cost: 5.367592e+03

Iteration 17 | Cost: 5.255167e+03

Iteration 18 | Cost: 5.201656e+03

Iteration 19 | Cost: 5.197606e+03

Iteration 20 | Cost: 5.143369e+03

Iteration 21 | Cost: 5.137472e+03

Iteration 22 | Cost: 5.092832e+03

Iteration 23 | Cost: 5.072265e+03

Iteration 24 | Cost: 4.981430e+03

Iteration 25 | Cost: 4.941714e+03

Iteration 26 | Cost: 4.919213e+03

Iteration 27 | Cost: 4.827279e+03

Iteration 28 | Cost: 4.820814e+03

Iteration 29 | Cost: 4.804376e+03

Iteration 30 | Cost: 4.782442e+03

Iteration 31 | Cost: 4.779276e+03

Iteration 32 | Cost: 4.775247e+03

Iteration 33 | Cost: 4.772841e+03

Iteration 34 | Cost: 4.770153e+03

Iteration 35 | Cost: 4.766105e+03

Iteration 36 | Cost: 4.754698e+03

Iteration 37 | Cost: 4.748829e+03

Iteration 38 | Cost: 4.670583e+03

Iteration 39 | Cost: 4.640441e+03

Iteration 40 | Cost: 4.576037e+03

Iteration 41 | Cost: 4.483030e+03

Iteration 42 | Cost: 4.480202e+03

Iteration 43 | Cost: 4.472907e+03

Iteration 44 | Cost: 4.418050e+03

Iteration 45 | Cost: 4.397872e+03

Iteration 46 | Cost: 4.388056e+03

Iteration 47 | Cost: 4.379719e+03

Iteration 48 | Cost: 4.377981e+03

Iteration 49 | Cost: 4.370046e+03

Iteration 50 | Cost: 4.369275e+03

Iteration 51 | Cost: 4.351462e+03

Iteration 52 | Cost: 4.342137e+03

Iteration 53 | Cost: 4.328304e+03

Iteration 54 | Cost: 4.327528e+03

Iteration 55 | Cost: 4.324619e+03

Iteration 56 | Cost: 4.323977e+03

Iteration 57 | Cost: 4.322297e+03

Iteration 58 | Cost: 4.321031e+03

Iteration 59 | Cost: 4.319441e+03

Iteration 60 | Cost: 4.318568e+03

Iteration 61 | Cost: 4.315736e+03

Iteration 62 | Cost: 4.314323e+03

Iteration 63 | Cost: 4.313025e+03

Iteration 64 | Cost: 4.307564e+03

Iteration 65 | Cost: 4.304960e+03

Iteration 66 | Cost: 4.297687e+03

Iteration 67 | Cost: 4.294932e+03

Iteration 68 | Cost: 4.288830e+03

Iteration 69 | Cost: 4.287514e+03

Iteration 70 | Cost: 4.284660e+03

Iteration 71 | Cost: 4.274429e+03

Iteration 72 | Cost: 4.273200e+03

Iteration 73 | Cost: 4.264396e+03

Iteration 74 | Cost: 4.260529e+03

Iteration 75 | Cost: 4.244656e+03

Iteration 76 | Cost: 4.242690e+03

Iteration 77 | Cost: 4.235620e+03

Iteration 78 | Cost: 4.232089e+03

Iteration 79 | Cost: 4.231977e+03

Iteration 80 | Cost: 4.228815e+03

Iteration 81 | Cost: 4.224710e+03

Iteration 82 | Cost: 4.224169e+03

Iteration 83 | Cost: 4.222070e+03

Iteration 84 | Cost: 4.219841e+03

Iteration 85 | Cost: 4.219380e+03

Iteration 86 | Cost: 4.218192e+03

Iteration 87 | Cost: 4.215175e+03

Iteration 88 | Cost: 4.213255e+03

Iteration 89 | Cost: 4.211649e+03

Iteration 90 | Cost: 4.209986e+03

Iteration 91 | Cost: 4.204169e+03

Iteration 92 | Cost: 4.202502e+03

Iteration 93 | Cost: 4.197846e+03

Iteration 94 | Cost: 4.195976e+03

Iteration 95 | Cost: 4.189702e+03

Iteration 96 | Cost: 4.188144e+03

Iteration 97 | Cost: 4.185912e+03

Iteration 98 | Cost: 4.185714e+03

Iteration 99 | Cost: 4.183305e+03

Iteration 100 | Cost: 4.182400e+03

Iteration 101 | Cost: 4.181184e+03

Iteration 102 | Cost: 4.179828e+03

Iteration 103 | Cost: 4.179778e+03

Iteration 104 | Cost: 4.179181e+03

Iteration 105 | Cost: 4.178786e+03

Iteration 106 | Cost: 4.178549e+03

Iteration 107 | Cost: 4.178220e+03

Iteration 108 | Cost: 4.177875e+03

Iteration 109 | Cost: 4.177721e+03

Iteration 110 | Cost: 4.177224e+03

Iteration 111 | Cost: 4.176202e+03

Iteration 112 | Cost: 4.174764e+03

Iteration 113 | Cost: 4.174492e+03

Iteration 114 | Cost: 4.174153e+03

Iteration 115 | Cost: 4.174024e+03

Iteration 116 | Cost: 4.173762e+03

Iteration 117 | Cost: 4.173441e+03

Iteration 118 | Cost: 4.172495e+03

Iteration 119 | Cost: 4.171670e+03

Iteration 120 | Cost: 4.170532e+03

Iteration 121 | Cost: 4.169371e+03

Iteration 122 | Cost: 4.167191e+03

Iteration 123 | Cost: 4.166525e+03

Iteration 124 | Cost: 4.166288e+03

Iteration 125 | Cost: 4.166085e+03

Iteration 126 | Cost: 4.165829e+03

Iteration 127 | Cost: 4.165158e+03

Iteration 128 | Cost: 4.160626e+03

Iteration 129 | Cost: 4.159986e+03

Iteration 130 | Cost: 4.154922e+03

Iteration 131 | Cost: 4.154268e+03

Iteration 132 | Cost: 4.152548e+03

Iteration 133 | Cost: 4.151595e+03

Iteration 134 | Cost: 4.151298e+03

Iteration 135 | Cost: 4.147453e+03

Iteration 136 | Cost: 4.145872e+03

Iteration 137 | Cost: 4.143607e+03

Iteration 138 | Cost: 4.143224e+03

Iteration 139 | Cost: 4.141850e+03

Iteration 140 | Cost: 4.141072e+03

Iteration 141 | Cost: 4.140786e+03

Iteration 142 | Cost: 4.140382e+03

Iteration 143 | Cost: 4.139649e+03

Iteration 144 | Cost: 4.139272e+03

Iteration 145 | Cost: 4.137809e+03

Iteration 146 | Cost: 4.137148e+03

Iteration 147 | Cost: 4.135539e+03

Iteration 148 | Cost: 4.134869e+03

Iteration 149 | Cost: 4.132583e+03

Iteration 150 | Cost: 4.132264e+03

Iteration 151 | Cost: 4.130183e+03

Iteration 152 | Cost: 4.129793e+03

Iteration 153 | Cost: 4.128485e+03

Iteration 154 | Cost: 4.128370e+03

Iteration 155 | Cost: 4.127494e+03

Iteration 156 | Cost: 4.127231e+03

Iteration 157 | Cost: 4.125298e+03

Iteration 158 | Cost: 4.124931e+03

Iteration 159 | Cost: 4.120877e+03

Iteration 160 | Cost: 4.120427e+03

Iteration 161 | Cost: 4.118398e+03

Iteration 162 | Cost: 4.117365e+03

Iteration 163 | Cost: 4.117285e+03

Iteration 164 | Cost: 4.115722e+03

Iteration 165 | Cost: 4.115078e+03

Iteration 166 | Cost: 4.115067e+03

Iteration 167 | Cost: 4.114292e+03

Iteration 168 | Cost: 4.114139e+03

Iteration 169 | Cost: 4.110475e+03

Iteration 170 | Cost: 4.109045e+03

Iteration 171 | Cost: 4.091995e+03

Iteration 172 | Cost: 4.088826e+03

Iteration 173 | Cost: 4.078130e+03

Iteration 174 | Cost: 4.076739e+03

Iteration 175 | Cost: 4.074692e+03

Iteration 176 | Cost: 4.074461e+03

Iteration 177 | Cost: 4.073588e+03

Iteration 178 | Cost: 4.073069e+03

Iteration 179 | Cost: 4.072982e+03

Iteration 180 | Cost: 4.072650e+03

Iteration 181 | Cost: 4.072412e+03

Iteration 182 | Cost: 4.072328e+03

Iteration 183 | Cost: 4.071798e+03

Iteration 184 | Cost: 4.071457e+03

Iteration 185 | Cost: 4.069955e+03

Iteration 186 | Cost: 4.069626e+03

Iteration 187 | Cost: 4.068777e+03

Iteration 188 | Cost: 4.068602e+03

Iteration 189 | Cost: 4.067979e+03

Iteration 190 | Cost: 4.067815e+03

Iteration 191 | Cost: 4.067111e+03

Iteration 192 | Cost: 4.067068e+03

Iteration 193 | Cost: 4.066927e+03

Iteration 194 | Cost: 4.066893e+03

Iteration 195 | Cost: 4.066463e+03

Iteration 196 | Cost: 4.065561e+03

Iteration 197 | Cost: 4.064415e+03

Iteration 198 | Cost: 4.064070e+03

Iteration 199 | Cost: 4.063628e+03

Iteration 200 | Cost: 4.063563e+03

Iteration 1 | Cost: 2.101051e+04

Iteration 2 | Cost: 1.472985e+04

Iteration 3 | Cost: 9.631640e+03

Iteration 4 | Cost: 5.376416e+03

Iteration 5 | Cost: 4.964590e+03

Iteration 6 | Cost: 4.720504e+03

Iteration 7 | Cost: 3.643175e+03

Iteration 8 | Cost: 3.628191e+03

Iteration 9 | Cost: 3.523468e+03

Iteration 10 | Cost: 2.660395e+03

Iteration 11 | Cost: 2.607516e+03

Iteration 12 | Cost: 2.478483e+03

Iteration 13 | Cost: 2.422228e+03

Iteration 14 | Cost: 2.361652e+03

Iteration 15 | Cost: 2.220531e+03

Iteration 16 | Cost: 2.206487e+03

Iteration 17 | Cost: 2.115475e+03

Iteration 18 | Cost: 2.073726e+03

Iteration 19 | Cost: 2.063732e+03

Iteration 20 | Cost: 2.023405e+03

Iteration 21 | Cost: 1.995580e+03

Iteration 22 | Cost: 1.983325e+03

Iteration 23 | Cost: 1.965193e+03

Iteration 24 | Cost: 1.963838e+03

Iteration 25 | Cost: 1.955646e+03

Iteration 26 | Cost: 1.954050e+03

Iteration 27 | Cost: 1.947637e+03

Iteration 28 | Cost: 1.936751e+03

Iteration 29 | Cost: 1.934908e+03

Iteration 30 | Cost: 1.926973e+03

Iteration 31 | Cost: 1.925242e+03

Iteration 32 | Cost: 1.922686e+03

Iteration 33 | Cost: 1.922524e+03

Iteration 34 | Cost: 1.904558e+03

Iteration 35 | Cost: 1.901753e+03

Iteration 36 | Cost: 1.889860e+03

Iteration 37 | Cost: 1.881534e+03

Iteration 38 | Cost: 1.871544e+03

Iteration 39 | Cost: 1.866273e+03

Iteration 40 | Cost: 1.851585e+03

Iteration 41 | Cost: 1.848664e+03

Iteration 42 | Cost: 1.837167e+03

Iteration 43 | Cost: 1.835181e+03

Iteration 44 | Cost: 1.828631e+03

Iteration 45 | Cost: 1.827636e+03

Iteration 46 | Cost: 1.825161e+03

Iteration 47 | Cost: 1.821692e+03

Iteration 48 | Cost: 1.819640e+03

Iteration 49 | Cost: 1.818969e+03

Iteration 50 | Cost: 1.816302e+03

Iteration 51 | Cost: 1.815362e+03

Iteration 52 | Cost: 1.815131e+03

Iteration 53 | Cost: 1.814351e+03

Iteration 54 | Cost: 1.813898e+03

Iteration 55 | Cost: 1.812492e+03

Iteration 56 | Cost: 1.811848e+03

Iteration 57 | Cost: 1.809487e+03

Iteration 58 | Cost: 1.809261e+03

Iteration 59 | Cost: 1.808743e+03

Iteration 60 | Cost: 1.808312e+03

Iteration 61 | Cost: 1.807097e+03

Iteration 62 | Cost: 1.806048e+03

Iteration 63 | Cost: 1.804331e+03

Iteration 64 | Cost: 1.803968e+03

Iteration 65 | Cost: 1.802873e+03

Iteration 66 | Cost: 1.801647e+03

Iteration 67 | Cost: 1.800271e+03

Iteration 68 | Cost: 1.796499e+03

Iteration 69 | Cost: 1.795740e+03

Iteration 70 | Cost: 1.792390e+03

Iteration 71 | Cost: 1.790964e+03

Iteration 72 | Cost: 1.790937e+03

Iteration 73 | Cost: 1.789886e+03

Iteration 74 | Cost: 1.789524e+03

Iteration 75 | Cost: 1.789056e+03

Iteration 76 | Cost: 1.788563e+03

Iteration 77 | Cost: 1.788218e+03

Iteration 78 | Cost: 1.788063e+03

Iteration 79 | Cost: 1.787945e+03

Iteration 80 | Cost: 1.787572e+03

Iteration 81 | Cost: 1.787018e+03

Iteration 82 | Cost: 1.786993e+03

Iteration 83 | Cost: 1.785992e+03

Iteration 84 | Cost: 1.785443e+03

Iteration 85 | Cost: 1.784142e+03

Iteration 86 | Cost: 1.779838e+03

Iteration 87 | Cost: 1.779690e+03

Iteration 88 | Cost: 1.778127e+03

Iteration 89 | Cost: 1.777378e+03

Iteration 90 | Cost: 1.776937e+03

Iteration 91 | Cost: 1.776489e+03

Iteration 92 | Cost: 1.774971e+03

Iteration 93 | Cost: 1.774170e+03

Iteration 94 | Cost: 1.773441e+03

Iteration 95 | Cost: 1.771801e+03

Iteration 96 | Cost: 1.770117e+03

Iteration 97 | Cost: 1.758401e+03

Iteration 98 | Cost: 1.755274e+03

Iteration 99 | Cost: 1.727888e+03

Iteration 100 | Cost: 1.724251e+03

Iteration 101 | Cost: 1.712749e+03

Iteration 102 | Cost: 1.707247e+03

Iteration 103 | Cost: 1.706319e+03

Iteration 104 | Cost: 1.703838e+03

Iteration 105 | Cost: 1.703623e+03

Iteration 106 | Cost: 1.702922e+03

Iteration 107 | Cost: 1.702766e+03

Iteration 108 | Cost: 1.702152e+03

Iteration 109 | Cost: 1.702039e+03

Iteration 110 | Cost: 1.701590e+03

Iteration 111 | Cost: 1.701490e+03

Iteration 112 | Cost: 1.701203e+03

Iteration 113 | Cost: 1.701110e+03

Iteration 114 | Cost: 1.700035e+03

Iteration 115 | Cost: 1.699896e+03

Iteration 116 | Cost: 1.699414e+03

Iteration 117 | Cost: 1.699327e+03

Iteration 118 | Cost: 1.699071e+03

Iteration 119 | Cost: 1.699016e+03

Iteration 120 | Cost: 1.698311e+03

Iteration 121 | Cost: 1.698243e+03

Iteration 122 | Cost: 1.697983e+03

Iteration 123 | Cost: 1.697903e+03

Iteration 124 | Cost: 1.697561e+03

Iteration 125 | Cost: 1.697436e+03

Iteration 126 | Cost: 1.697049e+03

Iteration 127 | Cost: 1.693041e+03

Iteration 128 | Cost: 1.690319e+03

Iteration 129 | Cost: 1.689604e+03

Iteration 130 | Cost: 1.688739e+03

Iteration 131 | Cost: 1.688310e+03

Iteration 132 | Cost: 1.688260e+03

Iteration 133 | Cost: 1.688012e+03

Iteration 134 | Cost: 1.687714e+03

Iteration 135 | Cost: 1.687451e+03

Iteration 136 | Cost: 1.687394e+03

Iteration 137 | Cost: 1.687145e+03

Iteration 138 | Cost: 1.687043e+03

Iteration 139 | Cost: 1.687040e+03

Iteration 140 | Cost: 1.686921e+03

Iteration 141 | Cost: 1.686818e+03

Iteration 142 | Cost: 1.686779e+03

Iteration 143 | Cost: 1.686626e+03

Iteration 144 | Cost: 1.686595e+03

Iteration 145 | Cost: 1.686353e+03

Iteration 146 | Cost: 1.686272e+03

Iteration 147 | Cost: 1.685630e+03

Iteration 148 | Cost: 1.685488e+03

Iteration 149 | Cost: 1.684133e+03

Iteration 150 | Cost: 1.683748e+03

Iteration 151 | Cost: 1.682653e+03

Iteration 152 | Cost: 1.682549e+03

Iteration 153 | Cost: 1.682323e+03

Iteration 154 | Cost: 1.682308e+03

Iteration 155 | Cost: 1.682278e+03

Iteration 156 | Cost: 1.682249e+03

Iteration 157 | Cost: 1.682191e+03

Iteration 158 | Cost: 1.682161e+03

Iteration 159 | Cost: 1.681157e+03

Iteration 160 | Cost: 1.680654e+03

Iteration 161 | Cost: 1.680169e+03

Iteration 162 | Cost: 1.678297e+03

Iteration 163 | Cost: 1.678280e+03

Iteration 164 | Cost: 1.678214e+03

Iteration 165 | Cost: 1.677840e+03

Iteration 166 | Cost: 1.677796e+03

Iteration 167 | Cost: 1.677014e+03

Iteration 168 | Cost: 1.676652e+03

Iteration 169 | Cost: 1.676376e+03

Iteration 170 | Cost: 1.676345e+03

Iteration 171 | Cost: 1.676061e+03

Iteration 172 | Cost: 1.675885e+03

Iteration 173 | Cost: 1.675861e+03

Iteration 174 | Cost: 1.675741e+03

Iteration 175 | Cost: 1.675494e+03

Iteration 176 | Cost: 1.675431e+03

Iteration 177 | Cost: 1.675027e+03

Iteration 178 | Cost: 1.674976e+03

Iteration 179 | Cost: 1.674767e+03

Iteration 180 | Cost: 1.674743e+03

Iteration 181 | Cost: 1.674633e+03

Iteration 182 | Cost: 1.674628e+03

Iteration 183 | Cost: 1.674583e+03

Iteration 184 | Cost: 1.674487e+03

Iteration 185 | Cost: 1.674079e+03

Iteration 186 | Cost: 1.674070e+03

Iteration 187 | Cost: 1.673944e+03

Iteration 188 | Cost: 1.673853e+03

Iteration 189 | Cost: 1.673728e+03

Iteration 190 | Cost: 1.673534e+03

Iteration 191 | Cost: 1.673256e+03

Iteration 192 | Cost: 1.673063e+03

Iteration 193 | Cost: 1.672570e+03

Iteration 194 | Cost: 1.672273e+03

Iteration 195 | Cost: 1.671230e+03

Iteration 196 | Cost: 1.671037e+03

Iteration 197 | Cost: 1.669170e+03

Iteration 198 | Cost: 1.668417e+03

Iteration 199 | Cost: 1.666124e+03

Iteration 200 | Cost: 1.665851e+03

Iteration 1 | Cost: 2.080383e+04

Iteration 2 | Cost: 1.389377e+04

Iteration 3 | Cost: 9.310276e+03

Iteration 4 | Cost: 5.256300e+03

Iteration 5 | Cost: 4.701763e+03

Iteration 6 | Cost: 3.865183e+03

Iteration 7 | Cost: 3.823668e+03

Iteration 8 | Cost: 3.387979e+03

Iteration 9 | Cost: 3.287344e+03

Iteration 10 | Cost: 3.048162e+03

Iteration 11 | Cost: 2.880486e+03

Iteration 12 | Cost: 2.876586e+03

Iteration 13 | Cost: 2.837102e+03

Iteration 14 | Cost: 2.727682e+03

Iteration 15 | Cost: 2.700068e+03

Iteration 16 | Cost: 2.648779e+03

Iteration 17 | Cost: 2.631384e+03

Iteration 18 | Cost: 2.620171e+03

Iteration 19 | Cost: 2.615736e+03

Iteration 20 | Cost: 2.609310e+03

Iteration 21 | Cost: 2.580466e+03

Iteration 22 | Cost: 2.571391e+03

Iteration 23 | Cost: 2.549220e+03

Iteration 24 | Cost: 2.529503e+03

Iteration 25 | Cost: 2.525914e+03

Iteration 26 | Cost: 2.441958e+03

Iteration 27 | Cost: 2.431166e+03

Iteration 28 | Cost: 2.402275e+03

Iteration 29 | Cost: 2.398467e+03

Iteration 30 | Cost: 2.384859e+03

Iteration 31 | Cost: 2.373026e+03

Iteration 32 | Cost: 2.368483e+03

Iteration 33 | Cost: 2.362329e+03

Iteration 34 | Cost: 2.361815e+03

Iteration 35 | Cost: 2.355060e+03

Iteration 36 | Cost: 2.354369e+03

Iteration 37 | Cost: 2.351667e+03

Iteration 38 | Cost: 2.347449e+03

Iteration 39 | Cost: 2.341545e+03

Iteration 40 | Cost: 2.338849e+03

Iteration 41 | Cost: 2.331428e+03

Iteration 42 | Cost: 2.329867e+03

Iteration 43 | Cost: 2.324014e+03

Iteration 44 | Cost: 2.323490e+03

Iteration 45 | Cost: 2.320125e+03

Iteration 46 | Cost: 2.319283e+03

Iteration 47 | Cost: 2.315536e+03

Iteration 48 | Cost: 2.315321e+03

Iteration 49 | Cost: 2.313710e+03

Iteration 50 | Cost: 2.312170e+03

Iteration 51 | Cost: 2.306542e+03

Iteration 52 | Cost: 2.295021e+03

Iteration 53 | Cost: 2.288986e+03

Iteration 54 | Cost: 2.281649e+03

Iteration 55 | Cost: 2.280256e+03

Iteration 56 | Cost: 2.278915e+03

Iteration 57 | Cost: 2.278243e+03

Iteration 58 | Cost: 2.277932e+03

Iteration 59 | Cost: 2.277610e+03

Iteration 60 | Cost: 2.277309e+03

Iteration 61 | Cost: 2.276870e+03

Iteration 62 | Cost: 2.276539e+03

Iteration 63 | Cost: 2.276114e+03

Iteration 64 | Cost: 2.275669e+03

Iteration 65 | Cost: 2.275322e+03

Iteration 66 | Cost: 2.272837e+03

Iteration 67 | Cost: 2.271203e+03

Iteration 68 | Cost: 2.265960e+03

Iteration 69 | Cost: 2.260227e+03

Iteration 70 | Cost: 2.253132e+03

Iteration 71 | Cost: 2.252807e+03

Iteration 72 | Cost: 2.251370e+03

Iteration 73 | Cost: 2.251189e+03

Iteration 74 | Cost: 2.249195e+03

Iteration 75 | Cost: 2.248349e+03

Iteration 76 | Cost: 2.246432e+03

Iteration 77 | Cost: 2.245331e+03

Iteration 78 | Cost: 2.245269e+03

Iteration 79 | Cost: 2.244532e+03

Iteration 80 | Cost: 2.242801e+03

Iteration 81 | Cost: 2.242419e+03

Iteration 82 | Cost: 2.241229e+03

Iteration 83 | Cost: 2.239822e+03

Iteration 84 | Cost: 2.239595e+03

Iteration 85 | Cost: 2.238571e+03

Iteration 86 | Cost: 2.238141e+03

Iteration 87 | Cost: 2.236667e+03

Iteration 88 | Cost: 2.235226e+03

Iteration 89 | Cost: 2.229579e+03

Iteration 90 | Cost: 2.225842e+03

Iteration 91 | Cost: 2.223455e+03

Iteration 92 | Cost: 2.222038e+03

Iteration 93 | Cost: 2.220566e+03

Iteration 94 | Cost: 2.220167e+03

Iteration 95 | Cost: 2.219751e+03

Iteration 96 | Cost: 2.218234e+03

Iteration 97 | Cost: 2.217974e+03

Iteration 98 | Cost: 2.217120e+03

Iteration 99 | Cost: 2.216272e+03

Iteration 100 | Cost: 2.214113e+03

Iteration 101 | Cost: 2.213752e+03

Iteration 102 | Cost: 2.209517e+03

Iteration 103 | Cost: 2.208378e+03

Iteration 104 | Cost: 2.206752e+03

Iteration 105 | Cost: 2.206422e+03

Iteration 106 | Cost: 2.205529e+03

Iteration 107 | Cost: 2.205240e+03

Iteration 108 | Cost: 2.202506e+03

Iteration 109 | Cost: 2.201394e+03

Iteration 110 | Cost: 2.201300e+03

Iteration 111 | Cost: 2.200406e+03

Iteration 112 | Cost: 2.199840e+03

Iteration 113 | Cost: 2.198327e+03

Iteration 114 | Cost: 2.197525e+03

Iteration 115 | Cost: 2.189969e+03

Iteration 116 | Cost: 2.184337e+03

Iteration 117 | Cost: 2.181793e+03

Iteration 118 | Cost: 2.180238e+03

Iteration 119 | Cost: 2.179460e+03

Iteration 120 | Cost: 2.178493e+03

Iteration 121 | Cost: 2.175076e+03

Iteration 122 | Cost: 2.174324e+03

Iteration 123 | Cost: 2.171588e+03

Iteration 124 | Cost: 2.170925e+03

Iteration 125 | Cost: 2.169930e+03

Iteration 126 | Cost: 2.169843e+03

Iteration 127 | Cost: 2.168749e+03

Iteration 128 | Cost: 2.168218e+03

Iteration 129 | Cost: 2.168170e+03

Iteration 130 | Cost: 2.167183e+03

Iteration 131 | Cost: 2.165946e+03

Iteration 132 | Cost: 2.165818e+03

Iteration 133 | Cost: 2.165381e+03

Iteration 134 | Cost: 2.165314e+03

Iteration 135 | Cost: 2.165129e+03

Iteration 136 | Cost: 2.165027e+03

Iteration 137 | Cost: 2.164136e+03

Iteration 138 | Cost: 2.163244e+03

Iteration 139 | Cost: 2.162406e+03

Iteration 140 | Cost: 2.159253e+03

Iteration 141 | Cost: 2.159050e+03

Iteration 142 | Cost: 2.158272e+03

Iteration 143 | Cost: 2.157305e+03

Iteration 144 | Cost: 2.156836e+03

Iteration 145 | Cost: 2.156771e+03

Iteration 146 | Cost: 2.156425e+03

Iteration 147 | Cost: 2.156288e+03

Iteration 148 | Cost: 2.155750e+03

Iteration 149 | Cost: 2.155494e+03

Iteration 150 | Cost: 2.155377e+03

Iteration 151 | Cost: 2.154266e+03

Iteration 152 | Cost: 2.153444e+03

Iteration 153 | Cost: 2.153346e+03

Iteration 154 | Cost: 2.152557e+03

Iteration 155 | Cost: 2.152534e+03

Iteration 156 | Cost: 2.151821e+03

Iteration 157 | Cost: 2.151608e+03

Iteration 158 | Cost: 2.150862e+03

Iteration 159 | Cost: 2.150710e+03

Iteration 160 | Cost: 2.150259e+03

Iteration 161 | Cost: 2.150058e+03

Iteration 162 | Cost: 2.149397e+03

Iteration 163 | Cost: 2.149333e+03

Iteration 164 | Cost: 2.149207e+03

Iteration 165 | Cost: 2.148697e+03

Iteration 166 | Cost: 2.148645e+03

Iteration 167 | Cost: 2.148432e+03

Iteration 168 | Cost: 2.148334e+03

Iteration 169 | Cost: 2.147993e+03

Iteration 170 | Cost: 2.147880e+03

Iteration 171 | Cost: 2.147389e+03

Iteration 172 | Cost: 2.147208e+03

Iteration 173 | Cost: 2.146953e+03

Iteration 174 | Cost: 2.146335e+03

Iteration 175 | Cost: 2.143962e+03

Iteration 176 | Cost: 2.143534e+03

Iteration 177 | Cost: 2.142083e+03

Iteration 178 | Cost: 2.141691e+03

Iteration 179 | Cost: 2.140532e+03

Iteration 180 | Cost: 2.140395e+03

Iteration 181 | Cost: 2.139838e+03

Iteration 182 | Cost: 2.139818e+03

Iteration 183 | Cost: 2.139432e+03

Iteration 184 | Cost: 2.139300e+03

Iteration 185 | Cost: 2.138724e+03

Iteration 186 | Cost: 2.138579e+03

Iteration 187 | Cost: 2.138511e+03

Iteration 188 | Cost: 2.138437e+03

Iteration 189 | Cost: 2.138409e+03

Iteration 190 | Cost: 2.138288e+03

Iteration 191 | Cost: 2.138243e+03

Iteration 192 | Cost: 2.137959e+03

Iteration 193 | Cost: 2.137928e+03

Iteration 194 | Cost: 2.137796e+03

Iteration 195 | Cost: 2.137782e+03

Iteration 196 | Cost: 2.137686e+03

Iteration 197 | Cost: 2.137621e+03

Iteration 198 | Cost: 2.137483e+03

Iteration 199 | Cost: 2.137351e+03

Iteration 200 | Cost: 2.137136e+03

Iteration 1 | Cost: 2.155773e+04

Iteration 2 | Cost: 2.002548e+04

Iteration 3 | Cost: 1.398268e+04

Iteration 4 | Cost: 1.307004e+04

Iteration 5 | Cost: 1.109187e+04

Iteration 6 | Cost: 1.010453e+04

Iteration 7 | Cost: 1.006566e+04

Iteration 8 | Cost: 9.610838e+03

Iteration 9 | Cost: 8.715880e+03

Iteration 10 | Cost: 8.619187e+03

Iteration 11 | Cost: 8.306197e+03

Iteration 12 | Cost: 7.904772e+03

Iteration 13 | Cost: 7.846829e+03

Iteration 14 | Cost: 7.752078e+03

Iteration 15 | Cost: 7.617316e+03

Iteration 16 | Cost: 7.423102e+03

Iteration 17 | Cost: 7.348696e+03

Iteration 18 | Cost: 7.076326e+03

Iteration 19 | Cost: 6.901159e+03

Iteration 20 | Cost: 6.869326e+03

Iteration 21 | Cost: 6.740263e+03

Iteration 22 | Cost: 6.679073e+03

Iteration 23 | Cost: 6.650140e+03

Iteration 24 | Cost: 6.618271e+03

Iteration 25 | Cost: 6.580472e+03

Iteration 26 | Cost: 6.468811e+03

Iteration 27 | Cost: 6.455510e+03

Iteration 28 | Cost: 6.437121e+03

Iteration 29 | Cost: 6.319319e+03

Iteration 30 | Cost: 6.162295e+03

Iteration 31 | Cost: 6.134958e+03

Iteration 32 | Cost: 6.065335e+03

Iteration 33 | Cost: 6.035688e+03

Iteration 34 | Cost: 6.031735e+03

Iteration 35 | Cost: 6.000670e+03

Iteration 36 | Cost: 5.989372e+03

Iteration 37 | Cost: 5.944130e+03

Iteration 38 | Cost: 5.940682e+03

Iteration 39 | Cost: 5.929804e+03

Iteration 40 | Cost: 5.926694e+03

Iteration 41 | Cost: 5.922591e+03

Iteration 42 | Cost: 5.919388e+03

Iteration 43 | Cost: 5.910960e+03

Iteration 44 | Cost: 5.908711e+03

Iteration 45 | Cost: 5.900165e+03

Iteration 46 | Cost: 5.897746e+03

Iteration 47 | Cost: 5.888034e+03

Iteration 48 | Cost: 5.885613e+03

Iteration 49 | Cost: 5.879747e+03

Iteration 50 | Cost: 5.708613e+03

Iteration 51 | Cost: 5.698691e+03

Iteration 52 | Cost: 5.687757e+03

Iteration 53 | Cost: 5.648137e+03

Iteration 54 | Cost: 5.638422e+03

Iteration 55 | Cost: 5.637191e+03

Iteration 56 | Cost: 5.632348e+03

Iteration 57 | Cost: 5.632174e+03

Iteration 58 | Cost: 5.631438e+03

Iteration 59 | Cost: 5.630919e+03

Iteration 60 | Cost: 5.630198e+03

Iteration 61 | Cost: 5.629740e+03

Iteration 62 | Cost: 5.627713e+03

Iteration 63 | Cost: 5.623717e+03

Iteration 64 | Cost: 5.619584e+03

Iteration 65 | Cost: 5.618377e+03

Iteration 66 | Cost: 5.613273e+03

Iteration 67 | Cost: 5.613142e+03

Iteration 68 | Cost: 5.611487e+03

Iteration 69 | Cost: 5.610765e+03

Iteration 70 | Cost: 5.610011e+03

Iteration 71 | Cost: 5.609134e+03

Iteration 72 | Cost: 5.608386e+03

Iteration 73 | Cost: 5.608199e+03

Iteration 74 | Cost: 5.607593e+03

Iteration 75 | Cost: 5.607317e+03

Iteration 76 | Cost: 5.604163e+03

Iteration 77 | Cost: 5.603271e+03

Iteration 78 | Cost: 5.597336e+03

Iteration 79 | Cost: 5.596495e+03

Iteration 80 | Cost: 5.593499e+03

Iteration 81 | Cost: 5.593265e+03

Iteration 82 | Cost: 5.592189e+03

Iteration 83 | Cost: 5.591844e+03

Iteration 84 | Cost: 5.589708e+03

Iteration 85 | Cost: 5.588623e+03

Iteration 86 | Cost: 5.584561e+03

Iteration 87 | Cost: 5.584073e+03

Iteration 88 | Cost: 5.579668e+03

Iteration 89 | Cost: 5.576987e+03

Iteration 90 | Cost: 5.576739e+03

Iteration 91 | Cost: 5.574492e+03

Iteration 92 | Cost: 5.566129e+03

Iteration 93 | Cost: 5.565757e+03

Iteration 94 | Cost: 5.564914e+03

Iteration 95 | Cost: 5.564602e+03

Iteration 96 | Cost: 5.564254e+03

Iteration 97 | Cost: 5.563358e+03

Iteration 98 | Cost: 5.563074e+03

Iteration 99 | Cost: 5.559696e+03

Iteration 100 | Cost: 5.558362e+03

Iteration 101 | Cost: 5.557485e+03

Iteration 102 | Cost: 5.557160e+03

Iteration 103 | Cost: 5.555876e+03

Iteration 104 | Cost: 5.555011e+03

Iteration 105 | Cost: 5.554712e+03

Iteration 106 | Cost: 5.554556e+03

Iteration 107 | Cost: 5.554541e+03

Iteration 108 | Cost: 5.554346e+03

Iteration 109 | Cost: 5.554271e+03

Iteration 110 | Cost: 5.553826e+03

Iteration 111 | Cost: 5.553621e+03

Iteration 112 | Cost: 5.552848e+03

Iteration 113 | Cost: 5.552535e+03

Iteration 114 | Cost: 5.551164e+03

Iteration 115 | Cost: 5.550985e+03

Iteration 116 | Cost: 5.550281e+03

Iteration 117 | Cost: 5.550205e+03

Iteration 118 | Cost: 5.549354e+03

Iteration 119 | Cost: 5.548697e+03

Iteration 120 | Cost: 5.546332e+03

Iteration 121 | Cost: 5.543744e+03

Iteration 122 | Cost: 5.537926e+03

Iteration 123 | Cost: 5.536880e+03

Iteration 124 | Cost: 5.525992e+03

Iteration 125 | Cost: 5.515367e+03

Iteration 126 | Cost: 5.512547e+03

Iteration 127 | Cost: 5.504429e+03

Iteration 128 | Cost: 5.502229e+03

Iteration 129 | Cost: 5.496234e+03

Iteration 130 | Cost: 5.492816e+03

Iteration 131 | Cost: 5.492540e+03

Iteration 132 | Cost: 5.491373e+03

Iteration 133 | Cost: 5.490224e+03

Iteration 134 | Cost: 5.489304e+03

Iteration 135 | Cost: 5.488838e+03

Iteration 136 | Cost: 5.488750e+03

Iteration 137 | Cost: 5.488638e+03

Iteration 138 | Cost: 5.488598e+03

Iteration 139 | Cost: 5.488477e+03

Iteration 140 | Cost: 5.488387e+03

Iteration 141 | Cost: 5.488328e+03

Iteration 142 | Cost: 5.487958e+03

Iteration 143 | Cost: 5.487826e+03

Iteration 144 | Cost: 5.487634e+03

Iteration 145 | Cost: 5.487603e+03

Iteration 146 | Cost: 5.487378e+03

Iteration 147 | Cost: 5.487326e+03

Iteration 148 | Cost: 5.486823e+03

Iteration 149 | Cost: 5.486776e+03

Iteration 150 | Cost: 5.486146e+03

Iteration 151 | Cost: 5.485986e+03

Iteration 152 | Cost: 5.485627e+03

Iteration 153 | Cost: 5.484338e+03

Iteration 154 | Cost: 5.483739e+03

Iteration 155 | Cost: 5.483034e+03

Iteration 156 | Cost: 5.483016e+03

Iteration 157 | Cost: 5.482872e+03

Iteration 158 | Cost: 5.482846e+03

Iteration 159 | Cost: 5.482505e+03

Iteration 160 | Cost: 5.482470e+03

Iteration 161 | Cost: 5.482317e+03

Iteration 162 | Cost: 5.482300e+03

Iteration 163 | Cost: 5.482158e+03

Iteration 164 | Cost: 5.482103e+03

Iteration 165 | Cost: 5.481488e+03

Iteration 166 | Cost: 5.480863e+03

Iteration 167 | Cost: 5.480428e+03

Iteration 168 | Cost: 5.480283e+03

Iteration 169 | Cost: 5.480080e+03

Iteration 170 | Cost: 5.479546e+03

Iteration 171 | Cost: 5.479499e+03

Iteration 172 | Cost: 5.479394e+03

Iteration 173 | Cost: 5.479381e+03

Iteration 174 | Cost: 5.479136e+03

Iteration 175 | Cost: 5.478889e+03

Iteration 176 | Cost: 5.477920e+03

Iteration 177 | Cost: 5.477878e+03

Iteration 178 | Cost: 5.477782e+03

Iteration 179 | Cost: 5.477743e+03

Iteration 180 | Cost: 5.477272e+03

Iteration 181 | Cost: 5.477250e+03

Iteration 182 | Cost: 5.476975e+03

Iteration 183 | Cost: 5.476711e+03

Iteration 184 | Cost: 5.476536e+03

Iteration 185 | Cost: 5.476508e+03

Iteration 186 | Cost: 5.476131e+03

Iteration 187 | Cost: 5.476046e+03

Iteration 188 | Cost: 5.475987e+03

Iteration 189 | Cost: 5.475798e+03

Iteration 190 | Cost: 5.475679e+03

Iteration 191 | Cost: 5.475543e+03

Iteration 192 | Cost: 5.475421e+03

Iteration 193 | Cost: 5.475256e+03

Iteration 194 | Cost: 5.475247e+03

Iteration 195 | Cost: 5.475222e+03

Iteration 196 | Cost: 5.475210e+03

Iteration 197 | Cost: 5.475207e+03

Iteration 198 | Cost: 5.475190e+03

Iteration 199 | Cost: 5.475116e+03

Iteration 200 | Cost: 5.475107e+03

Iteration 1 | Cost: 2.104195e+04

Iteration 2 | Cost: 1.626680e+04

Iteration 3 | Cost: 1.275465e+04

Iteration 4 | Cost: 9.967278e+03

Iteration 5 | Cost: 9.310801e+03

Iteration 6 | Cost: 8.371737e+03

Iteration 7 | Cost: 7.745288e+03

Iteration 8 | Cost: 7.732221e+03

Iteration 9 | Cost: 7.421497e+03

Iteration 10 | Cost: 6.720093e+03

Iteration 11 | Cost: 6.675693e+03

Iteration 12 | Cost: 6.575436e+03

Iteration 13 | Cost: 6.485407e+03

Iteration 14 | Cost: 6.344733e+03

Iteration 15 | Cost: 6.310761e+03

Iteration 16 | Cost: 6.183224e+03

Iteration 17 | Cost: 6.029742e+03

Iteration 18 | Cost: 5.886573e+03

Iteration 19 | Cost: 5.750067e+03

Iteration 20 | Cost: 5.705290e+03

Iteration 21 | Cost: 5.673973e+03

Iteration 22 | Cost: 5.640175e+03

Iteration 23 | Cost: 5.478619e+03

Iteration 24 | Cost: 5.444724e+03

Iteration 25 | Cost: 5.397192e+03

Iteration 26 | Cost: 5.392273e+03

Iteration 27 | Cost: 5.369812e+03

Iteration 28 | Cost: 5.367111e+03

Iteration 29 | Cost: 5.359469e+03

Iteration 30 | Cost: 5.354487e+03

Iteration 31 | Cost: 5.333393e+03

Iteration 32 | Cost: 5.295242e+03

Iteration 33 | Cost: 5.246423e+03

Iteration 34 | Cost: 5.231731e+03

Iteration 35 | Cost: 5.223598e+03

Iteration 36 | Cost: 5.221943e+03

Iteration 37 | Cost: 5.210239e+03

Iteration 38 | Cost: 5.199613e+03

Iteration 39 | Cost: 5.182597e+03

Iteration 40 | Cost: 5.175960e+03

Iteration 41 | Cost: 5.167685e+03

Iteration 42 | Cost: 5.166002e+03

Iteration 43 | Cost: 5.162624e+03

Iteration 44 | Cost: 5.161566e+03

Iteration 45 | Cost: 5.153040e+03

Iteration 46 | Cost: 5.149360e+03

Iteration 47 | Cost: 5.139410e+03

Iteration 48 | Cost: 5.133890e+03

Iteration 49 | Cost: 5.120846e+03

Iteration 50 | Cost: 5.105448e+03

Iteration 51 | Cost: 5.092562e+03

Iteration 52 | Cost: 5.074358e+03

Iteration 53 | Cost: 5.061529e+03

Iteration 54 | Cost: 5.033730e+03

Iteration 55 | Cost: 5.030917e+03

Iteration 56 | Cost: 5.026678e+03

Iteration 57 | Cost: 5.026030e+03

Iteration 58 | Cost: 5.018698e+03

Iteration 59 | Cost: 5.011434e+03

Iteration 60 | Cost: 5.008450e+03

Iteration 61 | Cost: 5.006782e+03

Iteration 62 | Cost: 5.003253e+03

Iteration 63 | Cost: 4.999116e+03

Iteration 64 | Cost: 4.998219e+03

Iteration 65 | Cost: 4.994217e+03

Iteration 66 | Cost: 4.993236e+03

Iteration 67 | Cost: 4.986956e+03

Iteration 68 | Cost: 4.985646e+03

Iteration 69 | Cost: 4.979886e+03

Iteration 70 | Cost: 4.979215e+03

Iteration 71 | Cost: 4.976374e+03

Iteration 72 | Cost: 4.976032e+03

Iteration 73 | Cost: 4.974615e+03

Iteration 74 | Cost: 4.971161e+03

Iteration 75 | Cost: 4.970331e+03

Iteration 76 | Cost: 4.964535e+03

Iteration 77 | Cost: 4.962921e+03

Iteration 78 | Cost: 4.930759e+03

Iteration 79 | Cost: 4.892589e+03

Iteration 80 | Cost: 4.890332e+03

Iteration 81 | Cost: 4.887930e+03

Iteration 82 | Cost: 4.875952e+03

Iteration 83 | Cost: 4.874558e+03

Iteration 84 | Cost: 4.873932e+03

Iteration 85 | Cost: 4.873015e+03

Iteration 86 | Cost: 4.872117e+03

Iteration 87 | Cost: 4.871500e+03

Iteration 88 | Cost: 4.870678e+03

Iteration 89 | Cost: 4.870120e+03

Iteration 90 | Cost: 4.869567e+03

Iteration 91 | Cost: 4.869195e+03

Iteration 92 | Cost: 4.868181e+03

Iteration 93 | Cost: 4.867963e+03

Iteration 94 | Cost: 4.866290e+03

Iteration 95 | Cost: 4.863880e+03

Iteration 96 | Cost: 4.861370e+03

Iteration 97 | Cost: 4.859002e+03

Iteration 98 | Cost: 4.858318e+03

Iteration 99 | Cost: 4.858029e+03

Iteration 100 | Cost: 4.857235e+03

Iteration 101 | Cost: 4.849787e+03

Iteration 102 | Cost: 4.847983e+03

Iteration 103 | Cost: 4.836767e+03

Iteration 104 | Cost: 4.834834e+03

Iteration 105 | Cost: 4.827760e+03

Iteration 106 | Cost: 4.826822e+03

Iteration 107 | Cost: 4.824659e+03

Iteration 108 | Cost: 4.822455e+03

Iteration 109 | Cost: 4.821584e+03

Iteration 110 | Cost: 4.821118e+03

Iteration 111 | Cost: 4.821027e+03

Iteration 112 | Cost: 4.820624e+03

Iteration 113 | Cost: 4.820224e+03

Iteration 114 | Cost: 4.820123e+03

Iteration 115 | Cost: 4.819416e+03

Iteration 116 | Cost: 4.819277e+03

Iteration 117 | Cost: 4.818742e+03

Iteration 118 | Cost: 4.818674e+03

Iteration 119 | Cost: 4.818249e+03

Iteration 120 | Cost: 4.818134e+03

Iteration 121 | Cost: 4.817680e+03

Iteration 122 | Cost: 4.817660e+03

Iteration 123 | Cost: 4.817457e+03

Iteration 124 | Cost: 4.817345e+03

Iteration 125 | Cost: 4.816858e+03

Iteration 126 | Cost: 4.816702e+03

Iteration 127 | Cost: 4.816192e+03

Iteration 128 | Cost: 4.816093e+03

Iteration 129 | Cost: 4.815492e+03

Iteration 130 | Cost: 4.815407e+03

Iteration 131 | Cost: 4.814845e+03

Iteration 132 | Cost: 4.814732e+03

Iteration 133 | Cost: 4.813575e+03

Iteration 134 | Cost: 4.813223e+03

Iteration 135 | Cost: 4.811821e+03

Iteration 136 | Cost: 4.811606e+03

Iteration 137 | Cost: 4.811317e+03

Iteration 138 | Cost: 4.811283e+03

Iteration 139 | Cost: 4.810903e+03

Iteration 140 | Cost: 4.810825e+03

Iteration 141 | Cost: 4.810719e+03

Iteration 142 | Cost: 4.810618e+03

Iteration 143 | Cost: 4.810379e+03

Iteration 144 | Cost: 4.810340e+03

Iteration 145 | Cost: 4.810005e+03

Iteration 146 | Cost: 4.809841e+03

Iteration 147 | Cost: 4.809112e+03

Iteration 148 | Cost: 4.809025e+03

Iteration 149 | Cost: 4.808671e+03

Iteration 150 | Cost: 4.808547e+03

Iteration 151 | Cost: 4.808272e+03

Iteration 152 | Cost: 4.808210e+03

Iteration 153 | Cost: 4.807717e+03

Iteration 154 | Cost: 4.805908e+03

Iteration 155 | Cost: 4.805349e+03

Iteration 156 | Cost: 4.801866e+03

Iteration 157 | Cost: 4.797634e+03

Iteration 158 | Cost: 4.792859e+03

Iteration 159 | Cost: 4.791565e+03

Iteration 160 | Cost: 4.790267e+03

Iteration 161 | Cost: 4.789932e+03

Iteration 162 | Cost: 4.789013e+03

Iteration 163 | Cost: 4.788897e+03

Iteration 164 | Cost: 4.788750e+03

Iteration 165 | Cost: 4.788736e+03

Iteration 166 | Cost: 4.788707e+03

Iteration 167 | Cost: 4.788677e+03

Iteration 168 | Cost: 4.788549e+03

Iteration 169 | Cost: 4.788438e+03

Iteration 170 | Cost: 4.787800e+03

Iteration 171 | Cost: 4.786890e+03

Iteration 172 | Cost: 4.785382e+03

Iteration 173 | Cost: 4.783184e+03

Iteration 174 | Cost: 4.782651e+03

Iteration 175 | Cost: 4.781892e+03

Iteration 176 | Cost: 4.781788e+03

Iteration 177 | Cost: 4.781354e+03

Iteration 178 | Cost: 4.781344e+03

Iteration 179 | Cost: 4.781212e+03

Iteration 180 | Cost: 4.781180e+03

Iteration 181 | Cost: 4.781133e+03

Iteration 182 | Cost: 4.781047e+03

Iteration 183 | Cost: 4.780936e+03

Iteration 184 | Cost: 4.780883e+03

Iteration 185 | Cost: 4.780874e+03

Iteration 186 | Cost: 4.780762e+03

Iteration 187 | Cost: 4.780545e+03

Iteration 188 | Cost: 4.780522e+03

Iteration 189 | Cost: 4.780436e+03

Iteration 190 | Cost: 4.780340e+03

Iteration 191 | Cost: 4.780103e+03

Iteration 192 | Cost: 4.779845e+03

Iteration 193 | Cost: 4.779734e+03

Iteration 194 | Cost: 4.779323e+03

Iteration 195 | Cost: 4.779279e+03

Iteration 196 | Cost: 4.779147e+03

Iteration 197 | Cost: 4.779045e+03

Iteration 198 | Cost: 4.778986e+03

Iteration 199 | Cost: 4.778954e+03

Iteration 200 | Cost: 4.778916e+03

Training Set Accuracy: 92.916000

Validation Set Accuracy: 91.460000

Test Set Accuracy: 91.890000

Total Processing Time: 801.420739 seconds