import matplotlib  
matplotlib.use('TkAgg')  
import matplotlib.pyplot as plt  
x = [0, 0, 0.14016, 0.2688, 0.5472, 0.55488, 0.98496, 1.2096, 1.28256, 1.36512, 1.58208, 1.69344, 1.9776, 2.02944, 2.0736, 2.08512, 2.20224, 2.2752, 2.39232, 2.4576, 2.46336, 2.66304, 2.85504, 3.0048, 3.11616, 3.264, 3.30624, 3.32736, 3.3696, 3.50784, 3.6384, 3.73824, 3.9168, 4.00128, 4.07232, 4.48128, 4.49088, 4.59072, 4.59456, 4.80768, 4.88256, 5.08416, 5.2608, 5.26848, 5.34912, 5.45088, 5.58144, 5.61216, 5.80608, 5.82912, 5.91744, 6.22272, 6.61632, 6.76032, 6.79296, 6.81792, 6.8256, 6.99072, 7.21152, 7.26528, 7.33632, 7.6032, 7.62624, 7.66848, 7.77216, 7.83168, 7.91808, 7.95456, 8.21184, 8.24064, 8.50752, 8.52288, 8.59008, 8.6304, 8.63232, 8.64768, 8.66496, 8.76672, 8.80512, 8.8416, 8.84736, 9.02592, 9.08544, 9.15264, 9.24288, 9.40416, 9.54624, 9.58272, 9.65952, 9.77856, 9.78048, 9.87456, 10.01472, 10.03584, 10.19136, 10.22784, 10.25472, 10.31232, 10.42368, 10.51392, 10.63296, 10.74816, 10.80192, 10.80192, 10.87872, 11.10336, 11.15904, 11.2992, 11.7504, 11.93856, 12.05568, 12.70656, 12.71808, 13.82016, 13.98144, 14.30016, 15.2448, 16.53888, 16.68864, 18.30144, 18.59136, 19.12704, 19.59552, 19.8144, 20.92032, 20.97408, 21.51168, 24.17088, 25.55328, 34.33536, 36.57408, 62.07936]  
y = [0, 0.11136, 0.25152, 0.3072, 0.33024, 0.3936, 0.44736, 0.48768, 0.51072, 0.53184, 0.66624, 0.70848, 0.816, 0.86016, 1.17504, 1.24032, 1.344, 1.40352, 1.46496, 1.51296, 1.56096, 1.70112, 1.91616, 2.03712, 2.12736, 2.27136, 2.2752, 2.35584, 2.39808, 2.92992, 3.09696, 3.12384, 3.32736, 3.36768, 3.39264, 3.76128, 3.76896, 3.90144, 3.94944, 3.95328, 3.96672, 4.04928, 4.0704, 4.14528, 4.20096, 4.2048, 4.21056, 4.27968, 4.28736, 4.34688, 4.39296, 4.41408, 4.42176, 4.68288, 5.10912, 5.23968, 5.28576, 5.37408, 5.54688, 5.568, 5.82336, 5.86752, 5.8848, 6.35712, 6.44736, 7.0944, 7.28064, 7.31904, 7.50912, 7.536, 7.536, 7.70112, 7.77984, 7.78368, 7.91808, 8.0448, 8.06976, 8.12544, 8.14656, 8.25024, 8.26368, 8.35968, 8.42304, 8.46336, 8.48832, 8.5344, 8.58048, 8.66496, 8.85504, 9.04128, 9.04896, 9.0528, 9.11232, 9.12768, 9.1584, 9.33312, 9.72288, 9.80352, 9.86304, 9.86496, 10.06272, 10.08, 10.08576, 10.16448, 10.38336, 11.15904, 11.16288, 11.59296, 11.62752, 11.8464, 11.89056, 12.10176, 12.15744, 12.84096, 12.84288, 12.87744, 14.02176, 14.76864, 16.36416, 20.21376, 21.40224, 22.01856, 23.20512, 23.86368, 24.46848, 24.65664, 25.03296, 28.36224, 28.60224, 29.61408, 32.32896, 37.42464]  
plt.scatter(x, y, color='grey', edgecolor='black')  
plt.title("Scatter plot")  
plt.xlabel("GE1")  
plt.ylabel("GE2")  
plt.show()