```
import numpy as np
                                                                                                                                向↑↓台♀■
# --- Data ---
data = np.array([
   [33.1, 616.595, 50, 11, 58.8, 16, 55, 08.3, 980938.5930],
   [34, 17.49595, 50, 12, 16.1, 16, 55, 01.5, 988934.9442],
[35, 21.61250, 50, 12, 33.3, 16, 55, 14.8, 988931.1021],
[36, 12.22220, 50, 12, 46.8, 16, 55, 46.8, 988929.2559],
1)
# --- Převody ---
def dms2dec(deg, minute, sec):
   return deg + minute / 60 + sec / 3600
rad = np.pi / 188
# --- Rozdělení dat ---
cb = data[:, 0].astype(int)
h = data[:, 1]
B = dms2dec(data[:, 2], data[:, 3], data[:, 4]) * rad
L = dms2dec(data[:, 5], data[:, 6], data[:, 7]) * rad
g = data[:, 8] * 1e-5
# --- Přibližný výpočet ---
H = np.cumsum(h)
# --- Normální artometrická korekce ---
delta_B = np.diff(B) / rad * 3600
H_s = (H[:-1] + H[1:]) / 2
c gamma AB = -8.8888254 * H s * delta B * 8.881
# --- Korekce z tíhových anomálií ---
gamma_8 = (978838 * (1 + 8.885382 * np.sin(8)**2 - 8.888887 * np.sin(2 * 8)**2)) * 1c-5
print(gamma 0)
Delta_g_F = g + 0.3086 * 1e-5 * H - gamma_0
H niv = h[1:]
# --- Normální Moloděnského výška ---
h_Q = H_niv + c_gamma_AB + c_Delta_g_AB
H_Q = H.copy()
H_Q[1:] = H[1:] + np.cumsum(c_gamma_AB + c_Delta_g_AB)
# --- Výstup ---
h[8] - 8
h_Q = np.insert(h_Q, \theta, \theta)
c_gamma_AB = np.insert(c_gamma_AB, 0, 0)
c_Delta_g_AB = np.insert(c_Delta_g_AB, 0, 0)
print(f"('8od':>2} ('H [m]':>20} ('H_Q [m]':>20) ('h [m]':>20) ('h_Q [m]':>20) ('c_gamma_AB [mm]':>20} ('c_Oolta_g_AB [mm]':>20)"
print("-" * 138)
for i in range(len(H)):
   print(f"(cb[i]:2d) {H[i]:20.6f} {H_Q[i]:20.6f} {h[i]:20.6f} {h_Q[i]:20.6f} {c_gamma_A8[i]*1000:20.6f} {c_Delta_g_A8[i]*1000:20.6f}*
[9.81084147 9.81084575 9.81085001 9.81085335]
Bod
                  H [m]
                                     H_0 [m]
                                                            h [m]
                                                                               h_Q [m] c_gamma_AB [mm] c_Delta_g_AB [mm]
```

0.000000

17.495950

21.612500

12.222200

0.000000

17.496485

21.613259

12.222587

0.000000

-0.274788

-0.281743

-8.226936

0.889437 1.040986

0.613523

33

34

35

36

616.595000

655.783458 667.925658

634.090950

616.595000

634.091485

655.784744

667.927338