

## Exercise session 5

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- ① Determine height above sea-level of three hills  $H_1, H_2, H_3$ .  
We have the following inconsistent measurements

$$h_1 = 1236$$

$$h_2 = 1941$$

$$h_3 = 2417$$

$$h_2 - h_1 = 711$$

$$h_3 - h_1 = 1177$$

$$h_3 - h_2 = 474$$

Minimize the least-square error associated with the measurements, i.e. solve a linear least-square problem

- ② we did Example 17.1 on page 130 in ASKS