Ceng 375 - Quiz 3

For Thursday section (OPEN SOURCE quiz)

1. Construct the <u>normal equations</u> of least-squares method if a linear relation is suggested. Describe briefly at each step.

2. Find the parabola $y = A + Bx + Cx^2$ that passes through the three points $(1, 1), (2, -1)$ and $(3, 1)$.

For Friday section (OPEN SOURCE quiz)

1. Construct the <u>normal equations</u> of least-squares method if a linear relation is suggested. Describe briefly at each step.

2. Find the parabola $y = A + Bx + Cx^2$ that passes through the three points $(2, 2), (4, -2)$ and $(6, 2)$.