

①

$$u(x) = y_0 + \frac{y_1 - y_0}{x_1 - x_0} (x - x_0)$$

$$y_0 = 39,2053$$

$$y_1 = -4,1482$$

$$x_0 = 8,1710$$

$$x_1 = -2,7101$$

$$u(x) = 39,2053 + \frac{(-4,1482 - 39,2053)}{(-2,7101 - 8,1710)} (x - 8,1710)$$

$$u(x) = 39,2053 + \frac{(-43,3535)}{(-10,8811)} (x - 8,1710)$$

$$u(x) = 39,2053 + (3,9884x - 32,5556)$$

$$u(x) = 3,9884x + 6,6496$$

②

$$u(x) = 0,2369 + \frac{(-8,4783 - 0,2369)}{(-5,2367 - 7,6784)} (x - 7,6784)$$

$$y_0 = 0,2369$$

$$y_1 = -8,4783$$

$$x_0 = 7,6784$$

$$x_1 = -5,2367$$

$$u(x) = 0,67480x - 4,94453$$

③

$$u(x) = 0,3356 + \frac{(-0,0214 - 0,3356)}{(-6,7271 - 3,7796)} (x - 3,7796)$$

$$y_0 = 0,3356$$

$$y_1 = -0,0214$$

$$x_0 = 3,7796$$

$$x_1 = -6,7271$$

$$u(x) = 0,03397x + 0,20717$$

④

$$u(x) = 16,4650 + \frac{(77,7867 - 16,4650)}{(-4,1909 - 1,2867)} (x - 1,2867)$$

$$y_0 = 16,4650$$

$$y_1 = 77,7867$$

$$x_0 = 1,2867$$

$$x_1 = -4,1909$$

$$u(x) = -11,19499x + 30,86959$$