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Numerical Computing: Homework 3

Due on February 21, 2012 Margaret Wright

Exercise 3.1

1.a. Compute $y = x^0$ when:

1.a.i.

 $0^0 = 1$. In hex:

logic.

c. $NaN^0 = 1$. In hex:

Conceptually, this rule makes sense to me if I think of x^y as $1 * x_1 * x_2 * \cdots * x_y$. If y = 0, $x^y = 1.$

1.b. Do the same for: