

Problem7: InnerProduct

Akira MATSUI

March 29, 2017

Introduction

In this excersise, we will write a code to culculate inner product. If you have vectors, $A = (a_0, a_1, \dots, a_n)$ and $B = (a_0, a_1, \dots, a_n)$, a inner product of A and B is $A \cdot B = \sum_{i=0}^n a_i b_i$.

Question

- write a function to culculate a inner product of one dimation vectors A and B
- in this excersise, let $A \leftarrow c(6,4,6,8,9,1)$ and $B \leftarrow c(1,2,3,4,5,6)$