```
void Hadamard(int *A, int *B, int N){
    for(i=0; i<N; i++){
        A[i] = A[i] * B[i];
}
```

$$CfI = 31$$
 cycles 13 instr

$$CP \pm \frac{24}{7}$$

$$\approx 3.428$$

$$\approx 3.43$$

I So, optimized is faster since it takes less cycles for I iteration than naive.

$$\frac{31}{24} \approx 1-291$$

$$\approx (1.29)_{X} \text{ fattor}$$