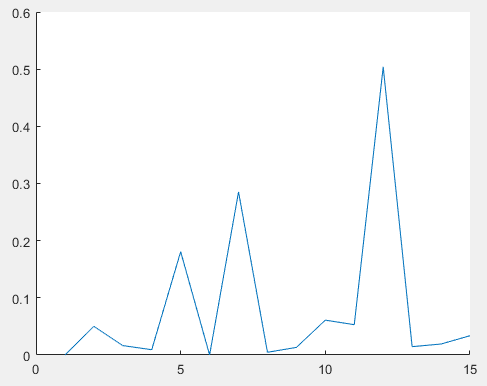
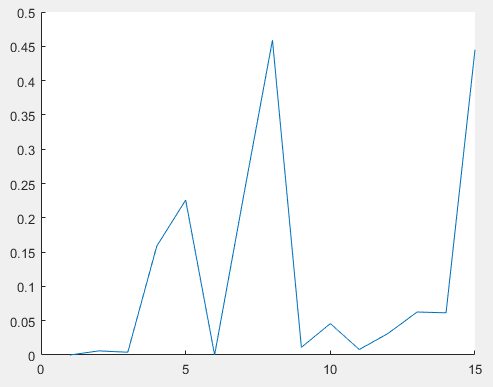
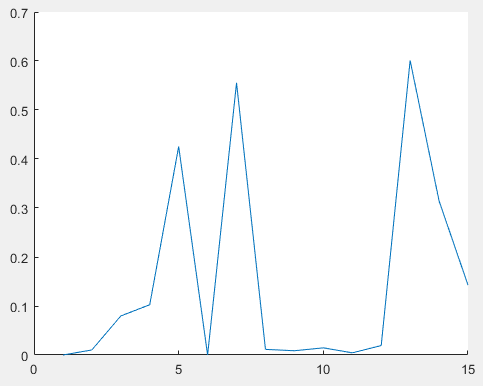
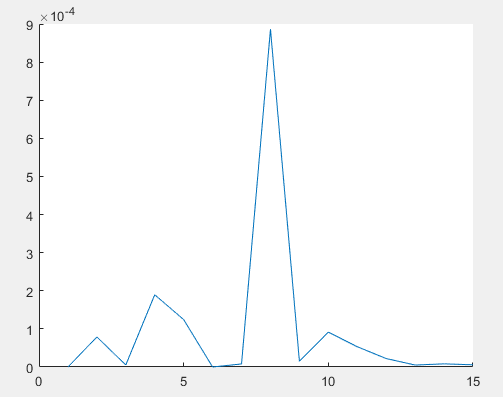
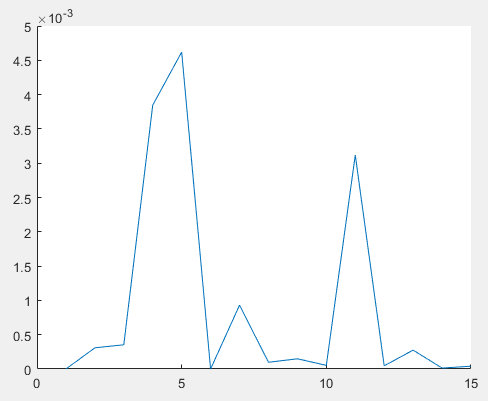
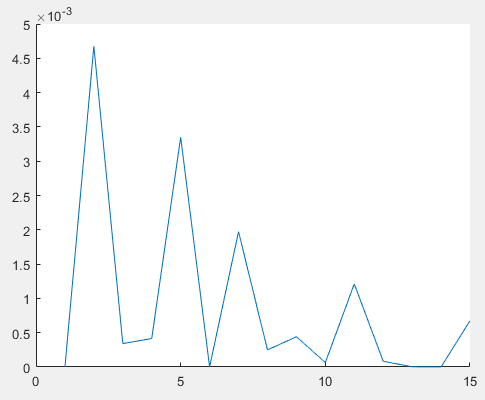
**BIO INSPIRED GRAPHS**

**NETWORK: DIM 5 2 7 5 1**

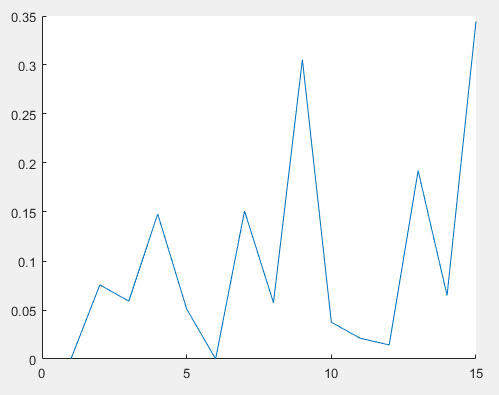
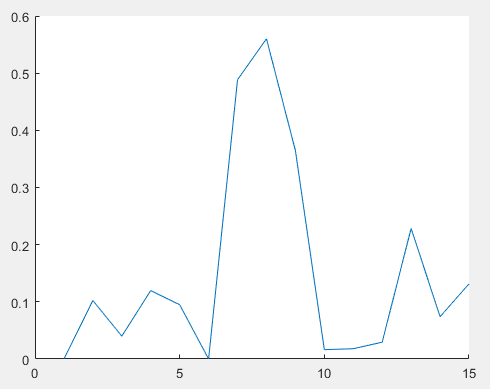
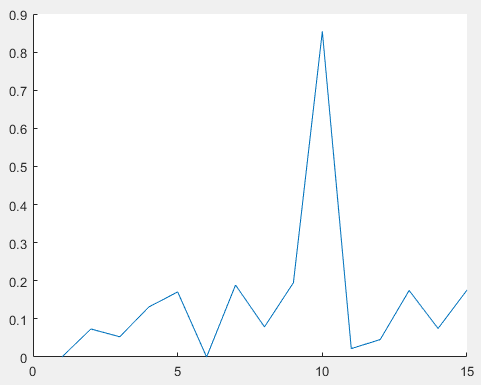
**(GA\_SOLUTIONS\_SIZE 20 TRAINING\_ITERATIONS 200)**



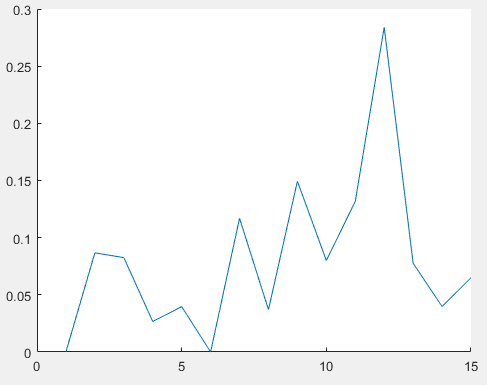
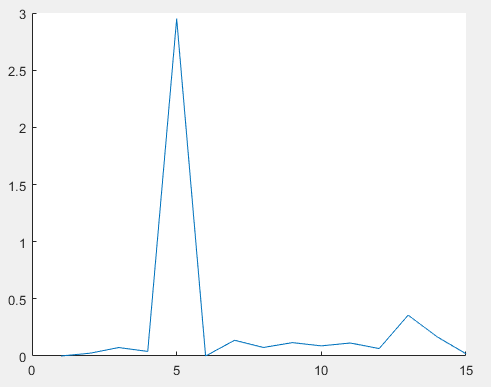
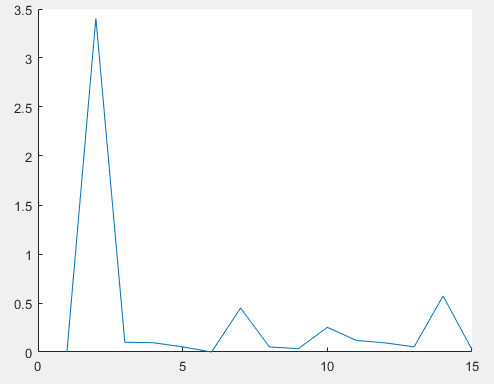
**FUNCTION 1**



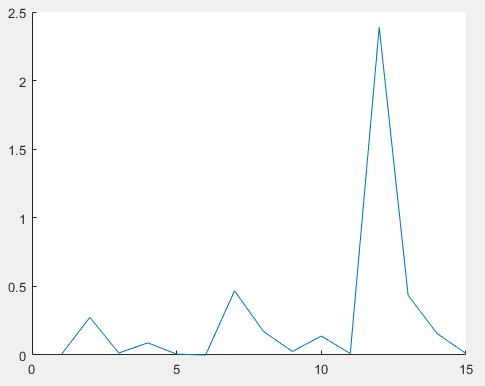
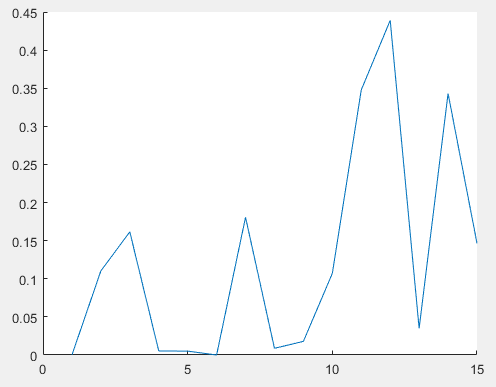
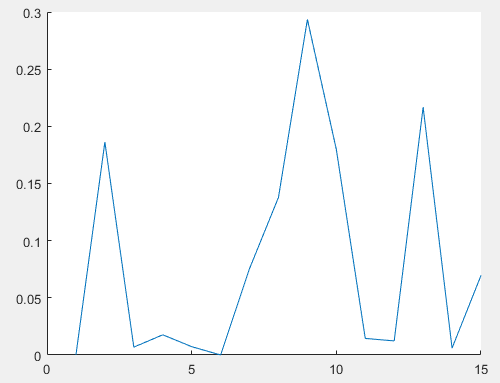
**FUNCTION 2**



**FUNCTION 3**



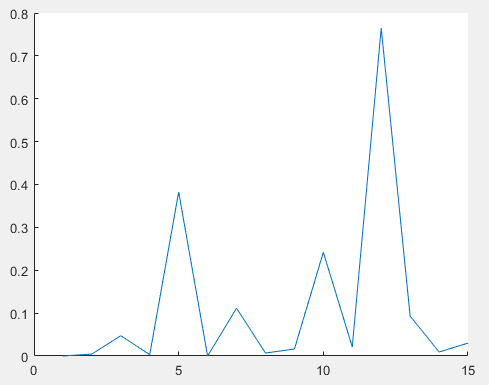
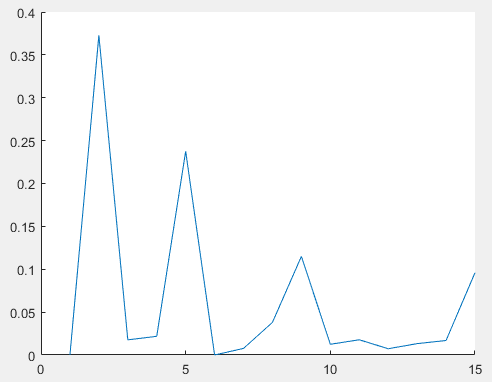
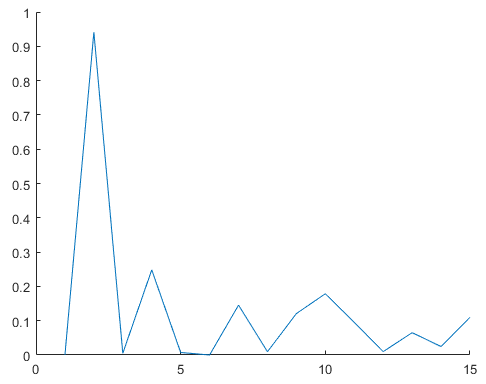
**FUNCTION 4**



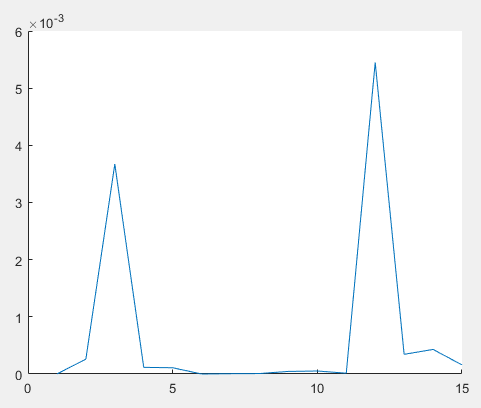
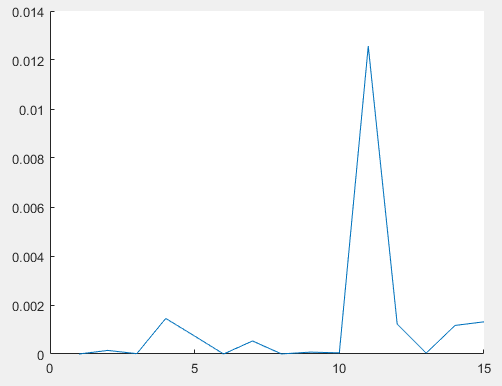
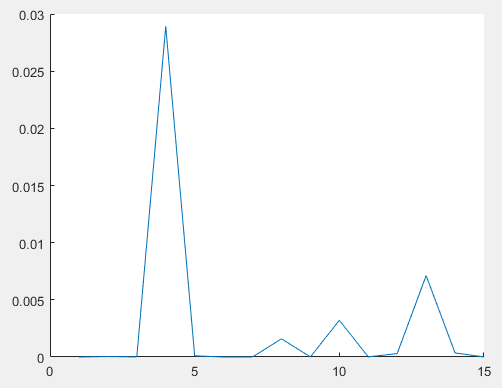
**FUNCTION 5**

**NETWORK: DIM 5 1**

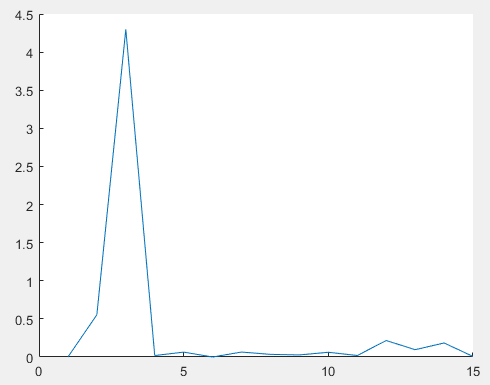
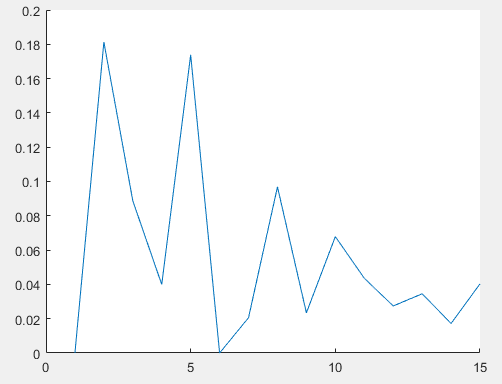
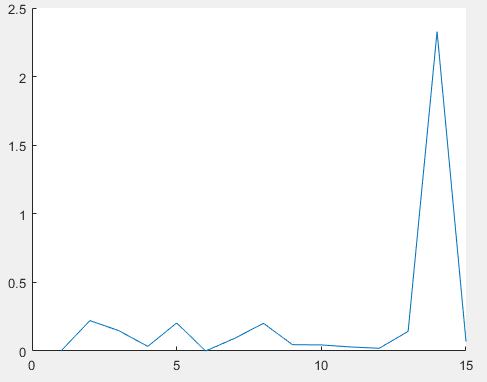
**(GA\_SOLUTIONS\_SIZE 20 TRAINING\_ITERATIONS 200)**



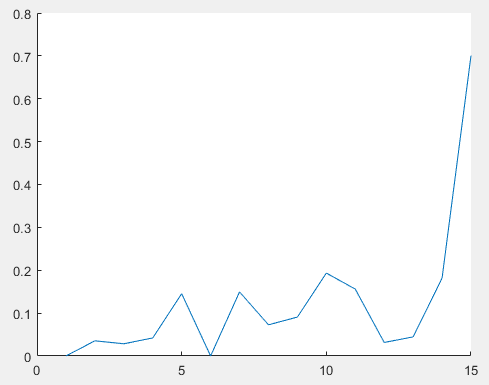
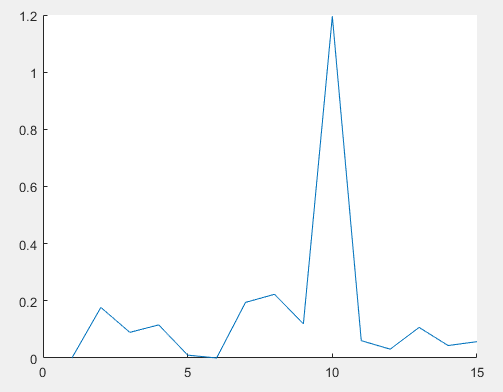
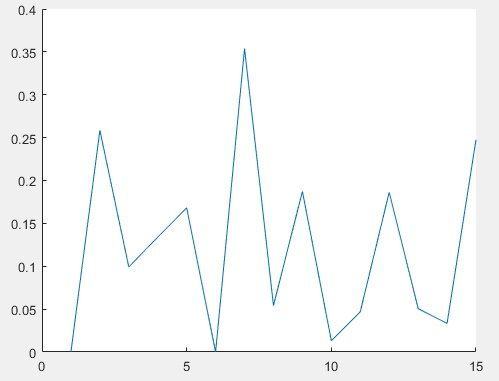
**FUNCTION 1**



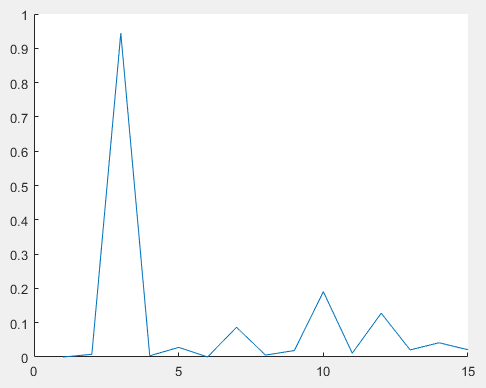
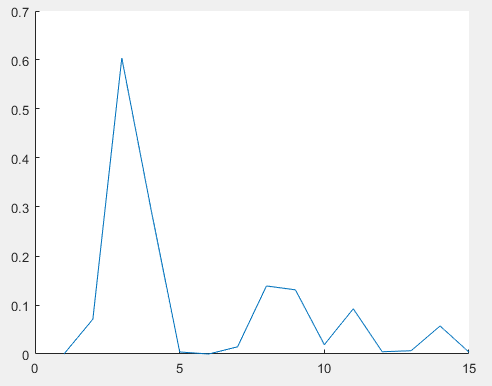
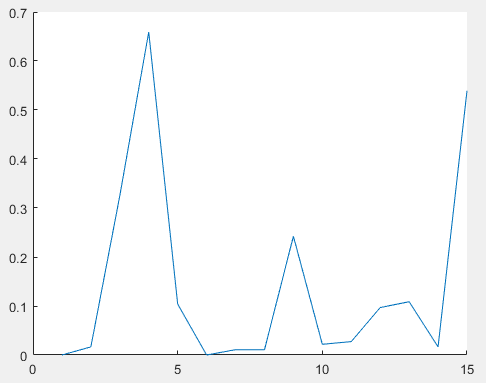
**FUNCTION 2**



**FUNCTION 3**



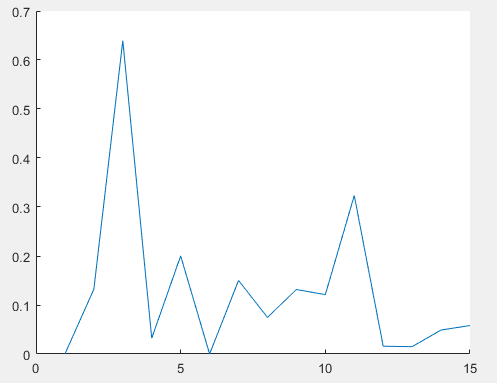
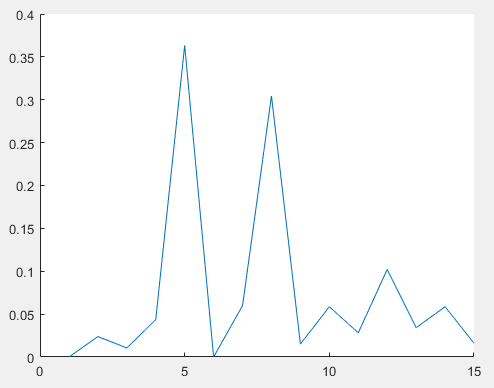
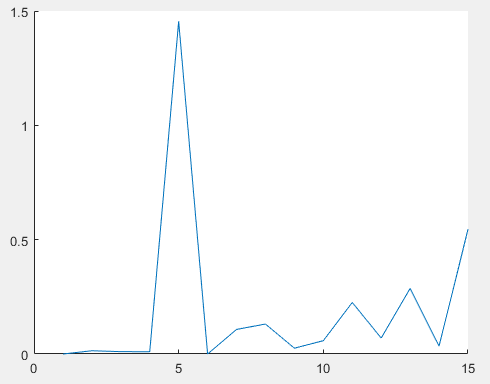
**FUNCTION 4**



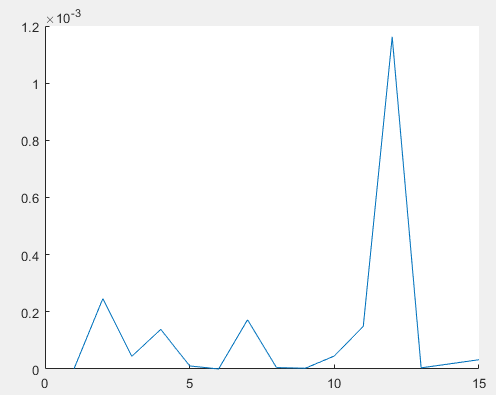
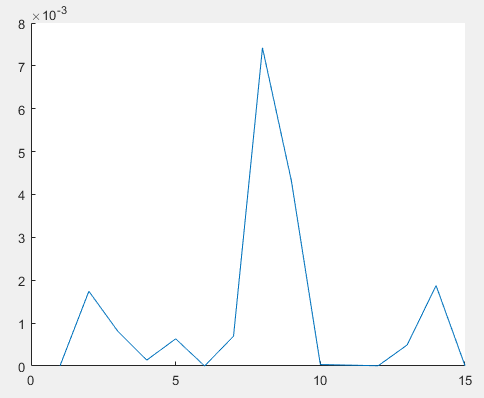
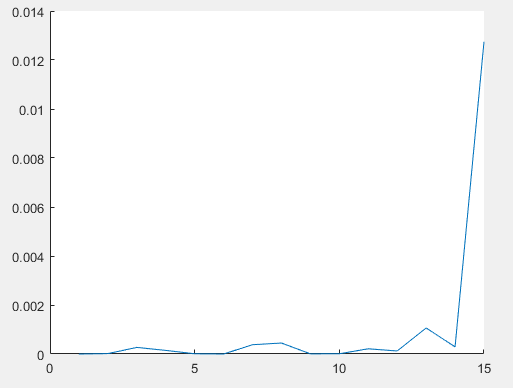
**FUNCTION 5**

**NETWORK: DIM 2 2 1**

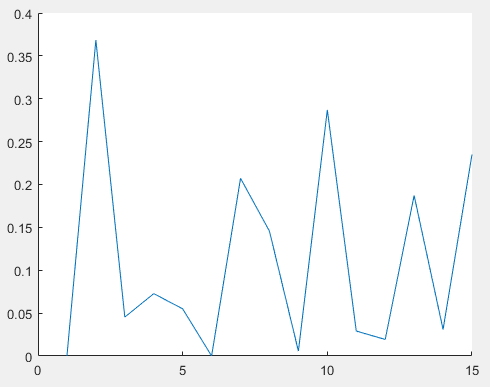
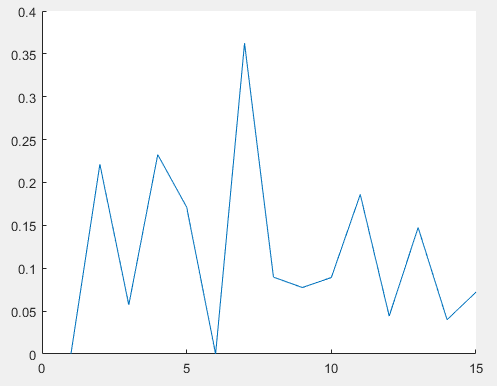
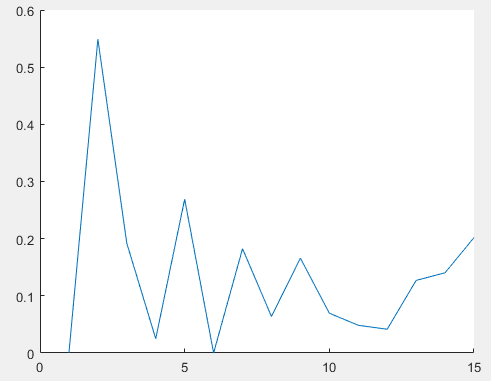
**(GA\_SOLUTIONS\_SIZE 20 TRAINING\_ITERATIONS 200)**



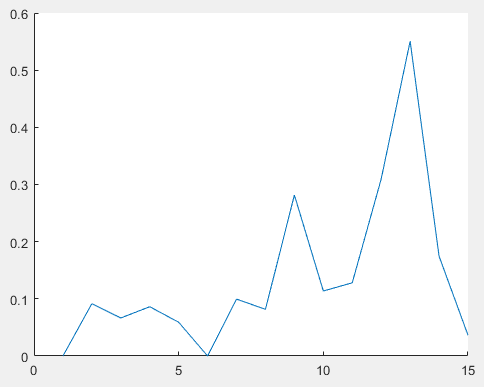
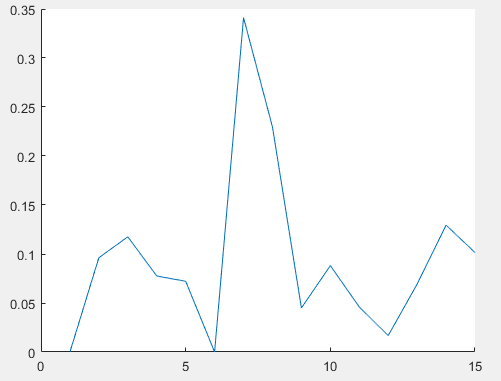
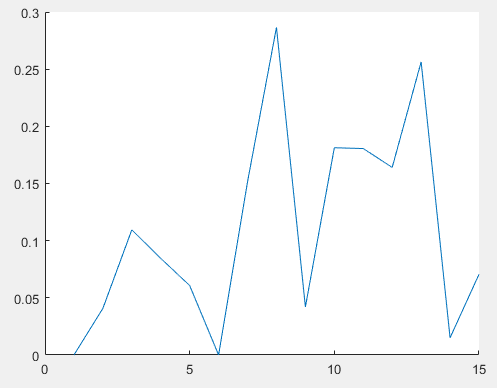
**FUNCTION 1**



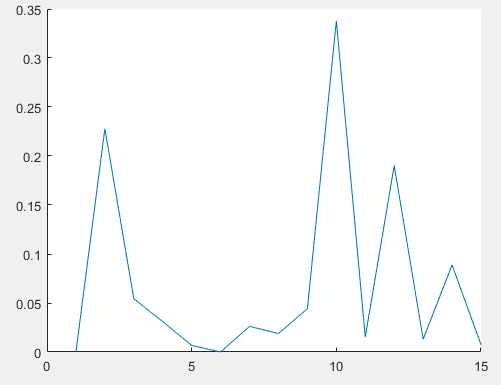
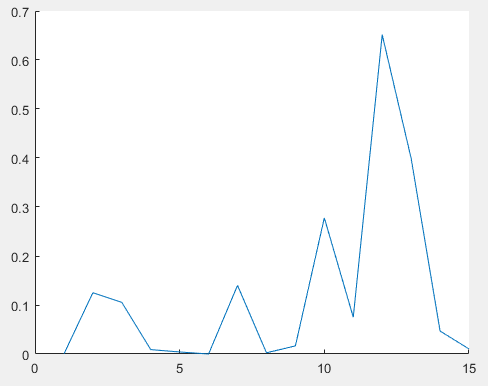
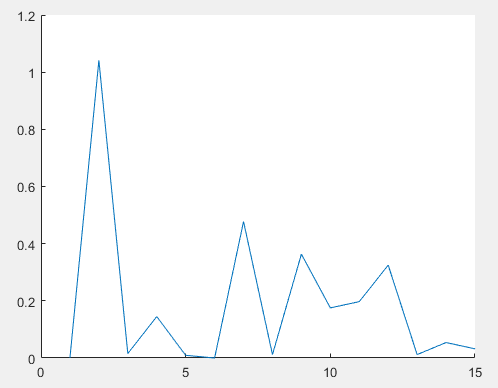
**FUNCTION 2**



**FUNCTION 3**



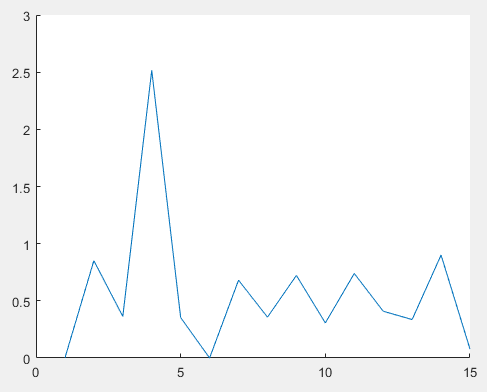
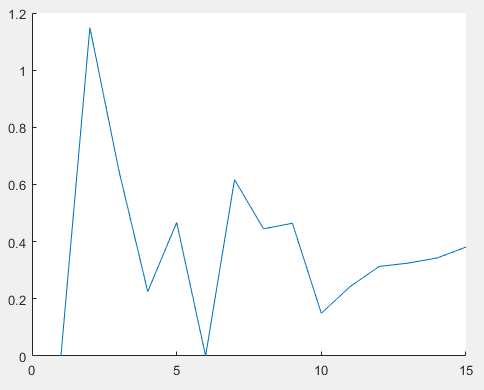
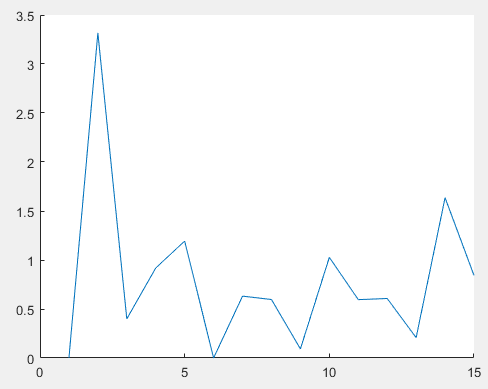
**FUNCTION 4**



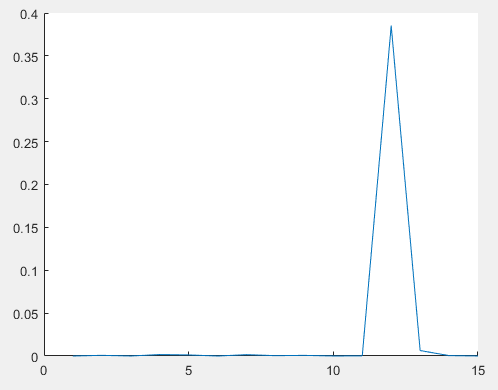
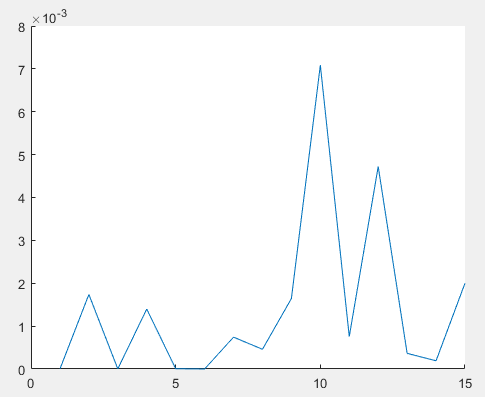
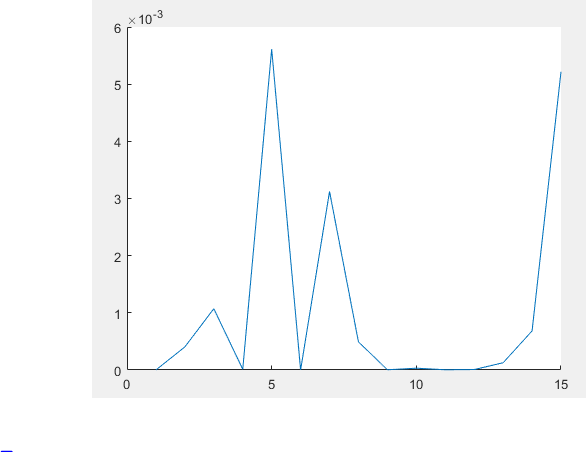
**FUNCTION 5**

**GA\_SOLUTIONS\_SIZE 100**

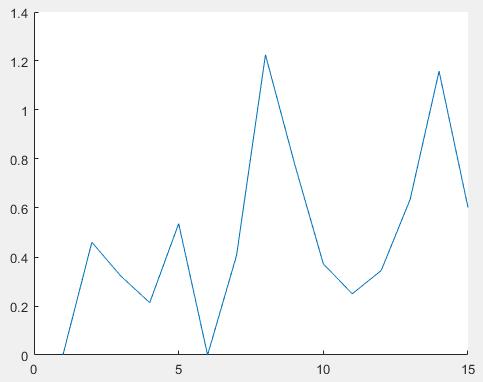
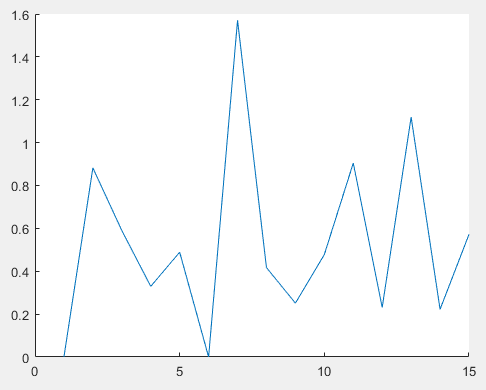
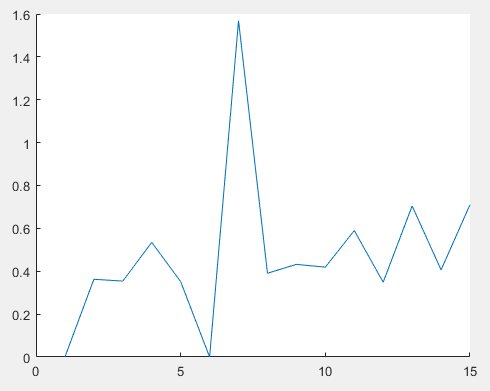
**(NETWORK DIM 5 1 TRAINING\_ITERATIONS 200)**



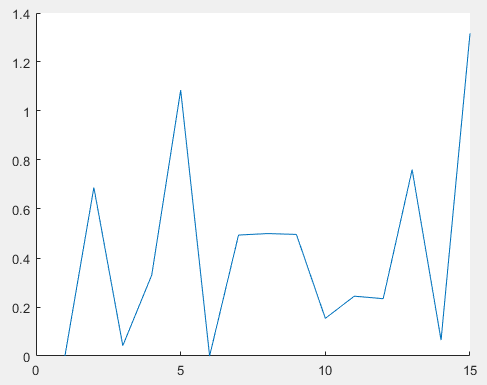
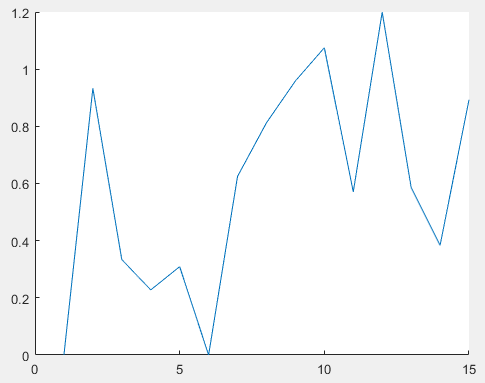
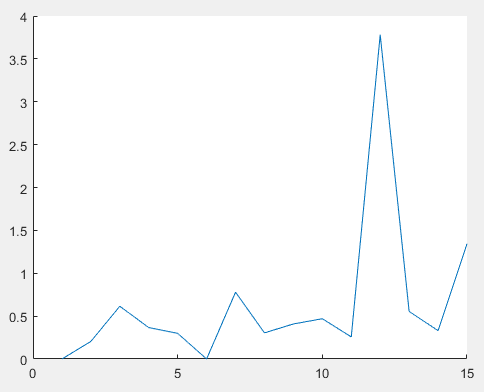
**FUNCTION 1**



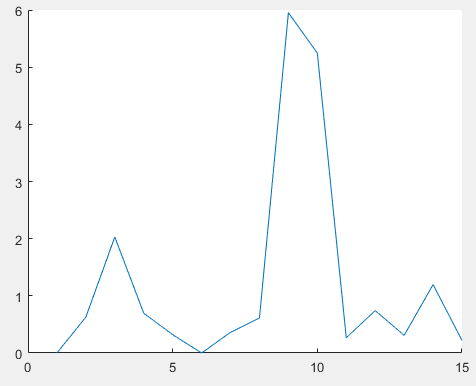
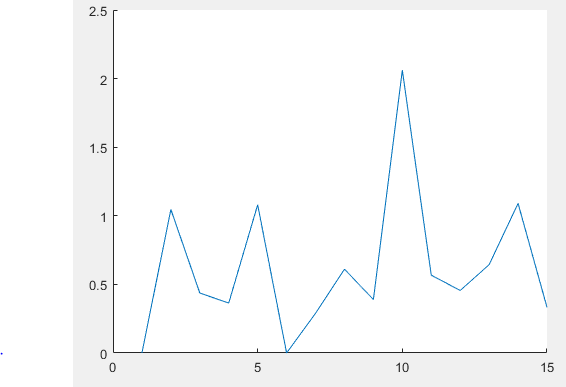
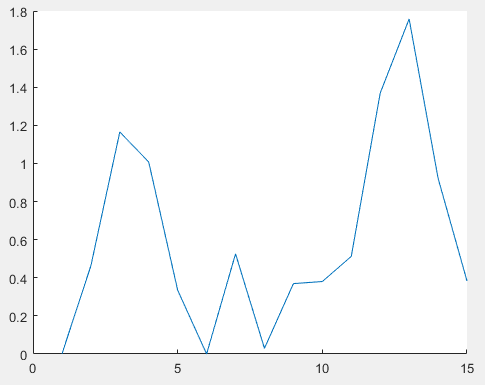
**FUNCTION 2**



**FUNCTION 3**



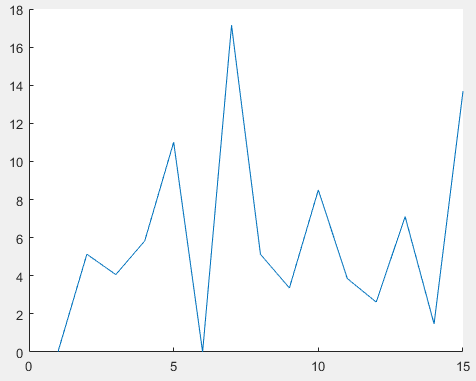
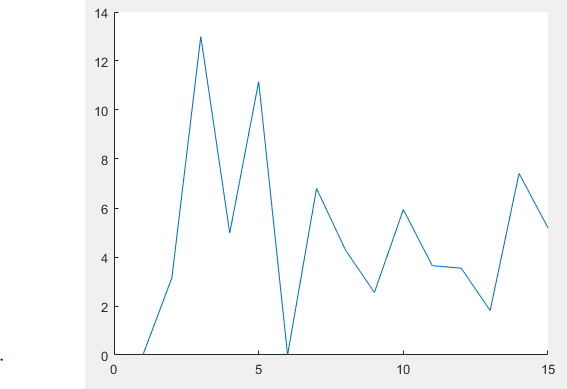
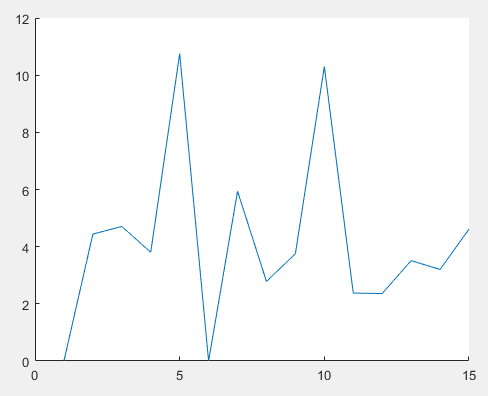
**FUNCTION 4**



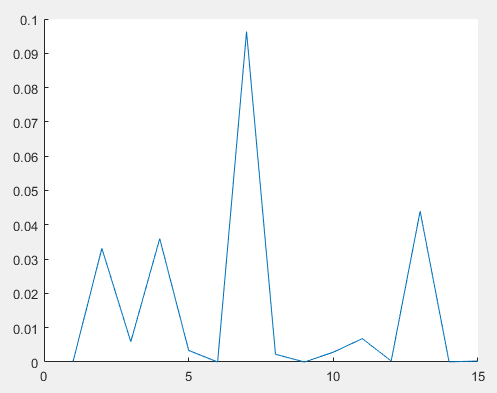
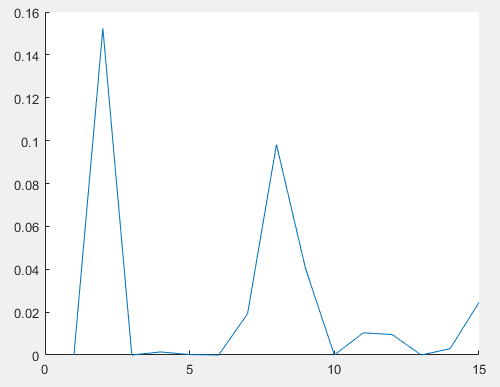
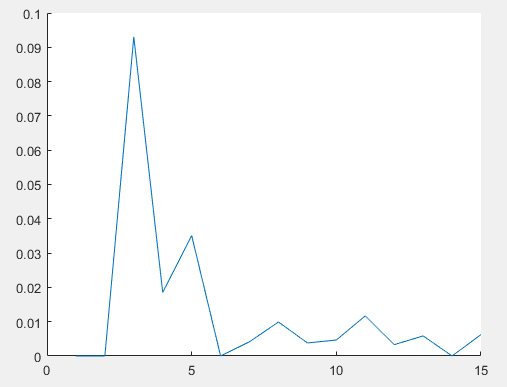
**FUNCTION 5**

**GA\_SOLUTIONS\_SIZE 1000**

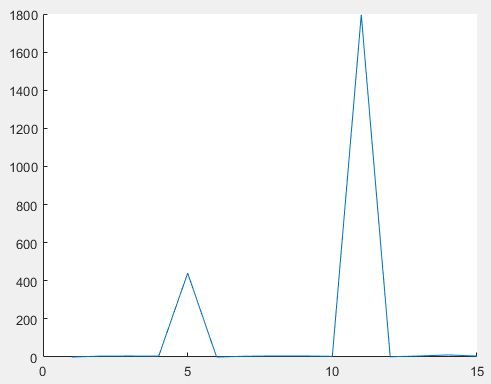
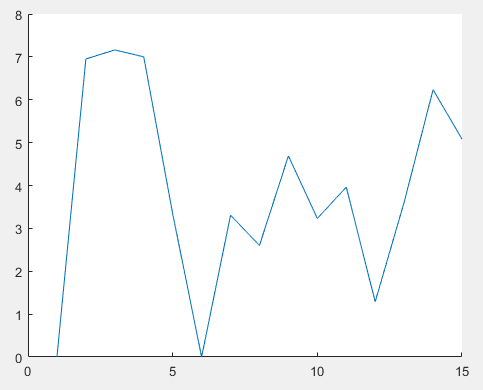
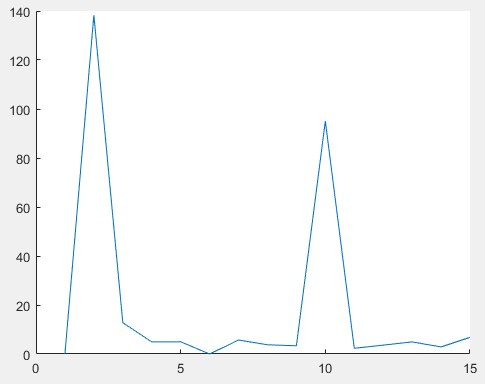
**(NETWORK DIM 5 1 TRAINING\_ITERATIONS 200)**



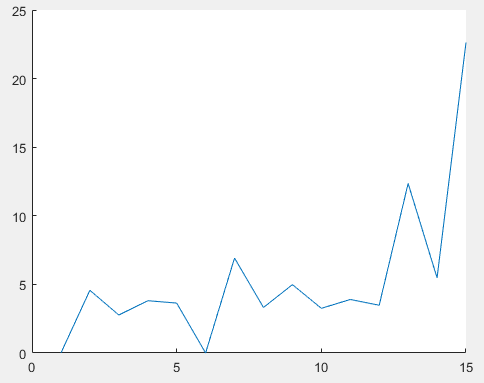
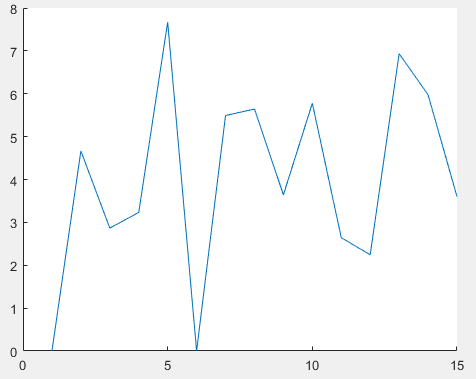
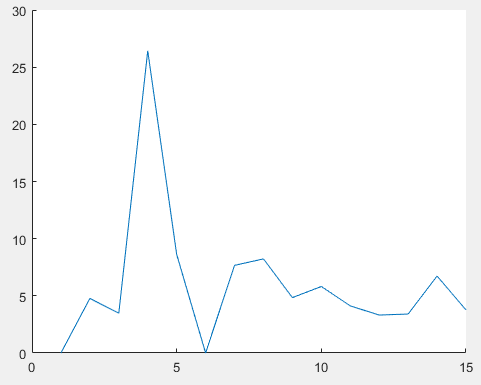
**FUNCTION 1**



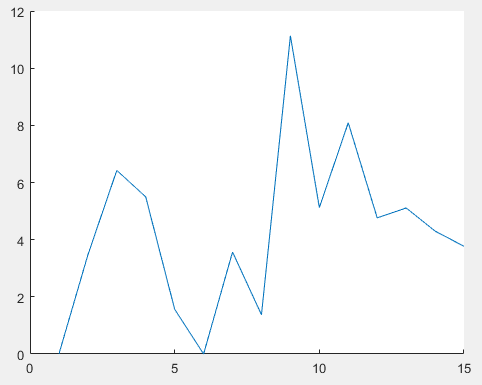
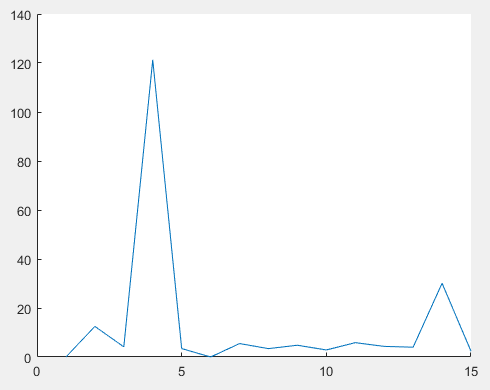
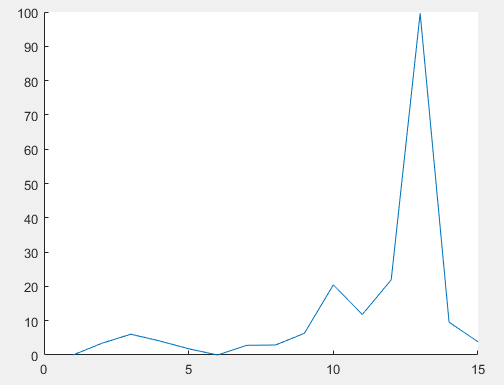
**FUNCTION 2**



**FUNCTION 3**



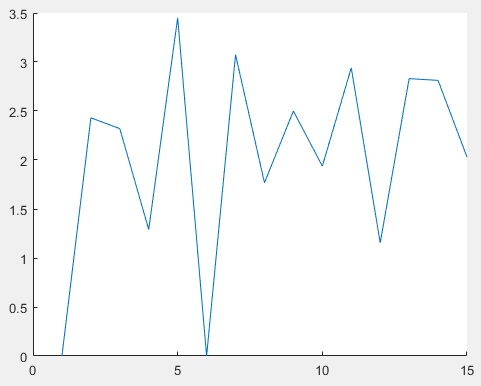
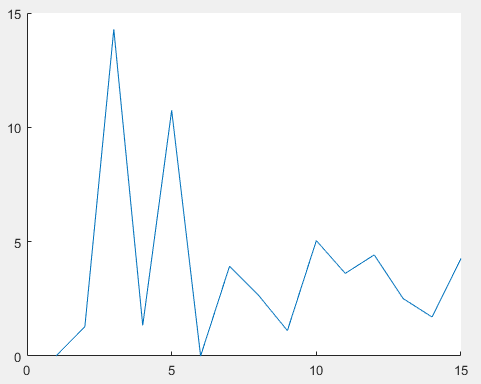
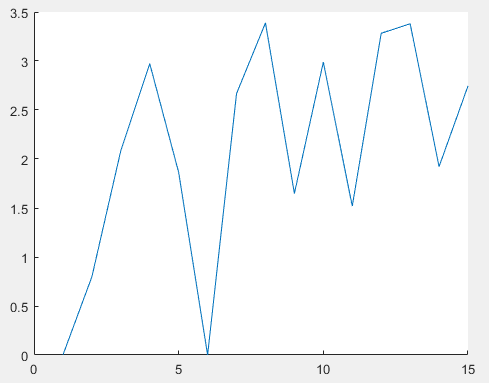
**FUNCTION 4**



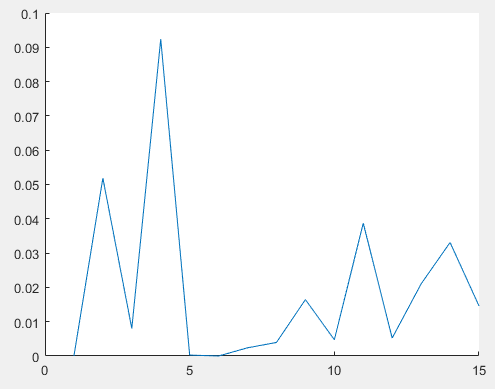
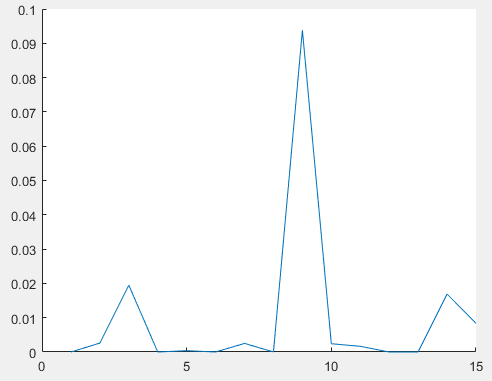
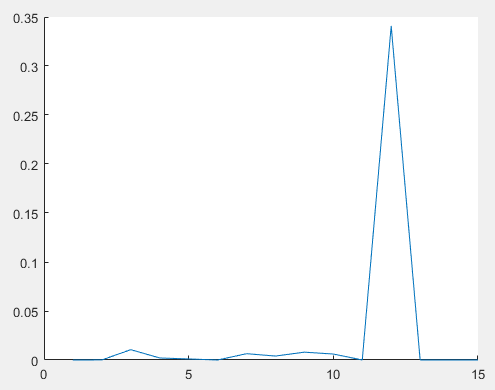
**FUNCTION 5**

**GA\_SOLUTIONS\_SIZE 500**

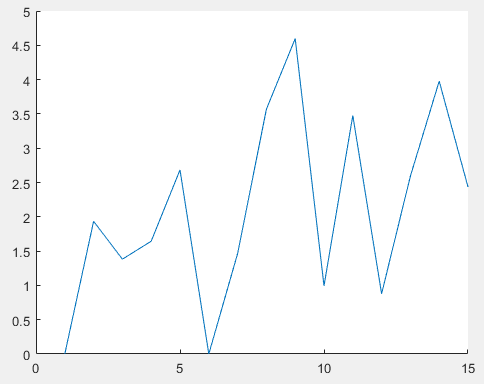
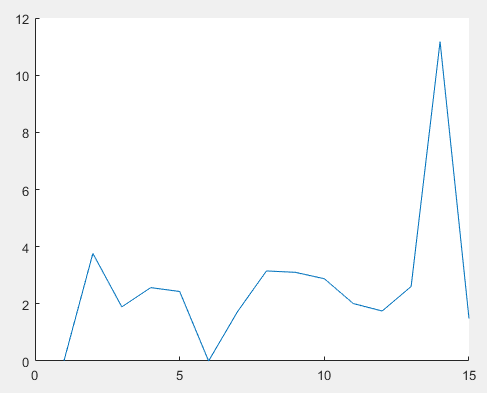
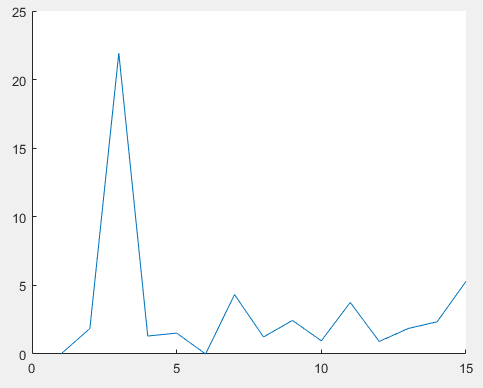
**(NETWORK DIM 5 1 TRAINING\_ITERATIONS 200)**



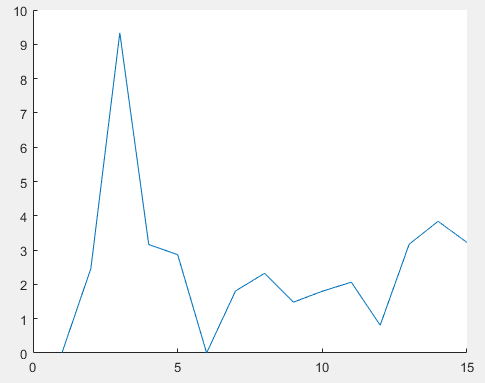
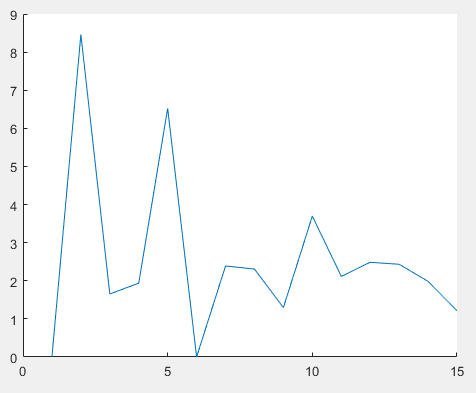
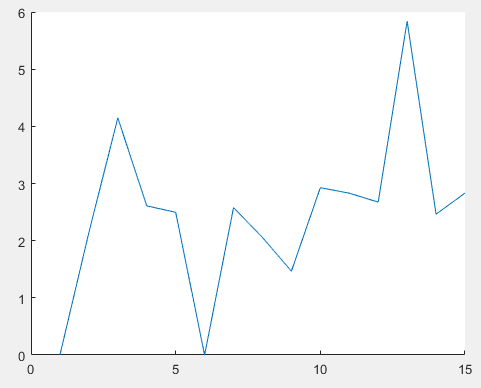
**FUNCTION 1**



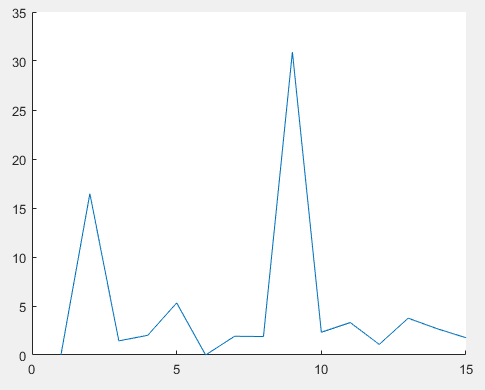
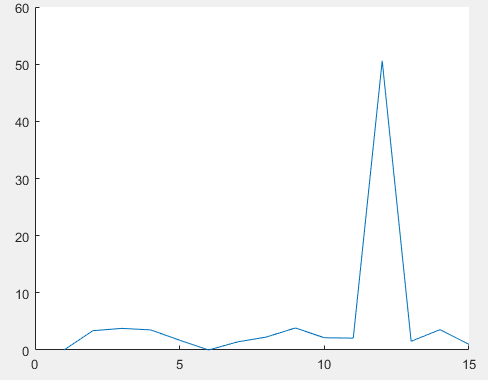
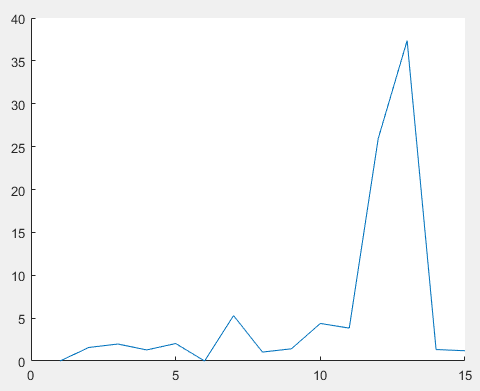
**FUNCTION 2**



**FUNCTION 3**



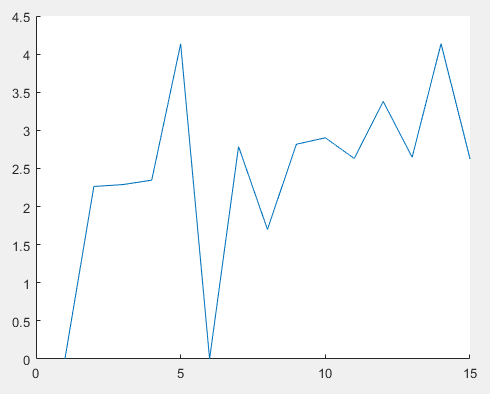
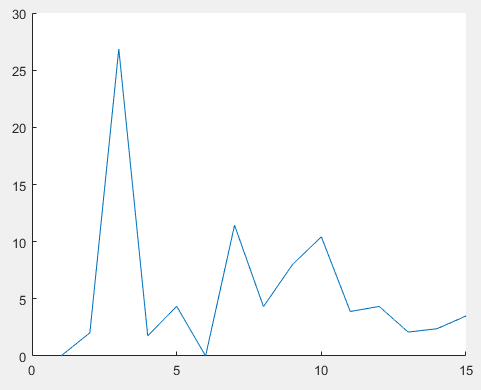
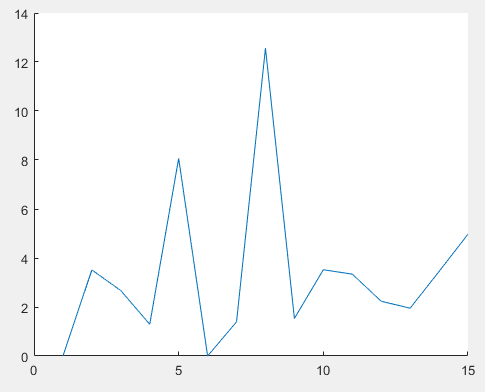
**FUNCTION 4**



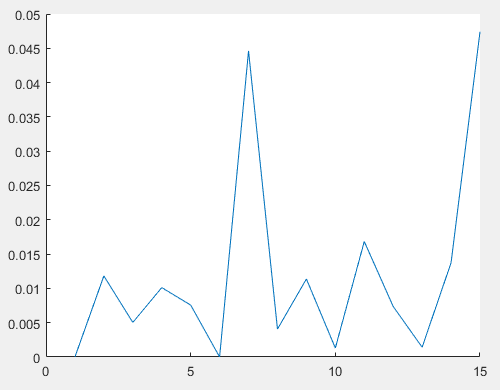
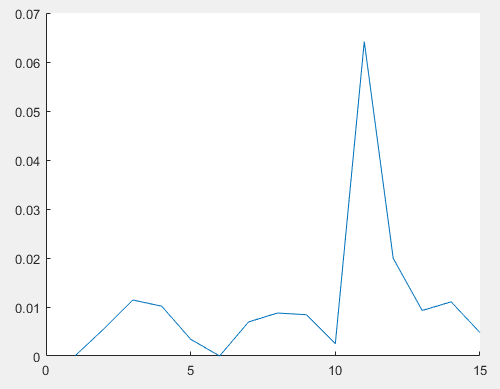
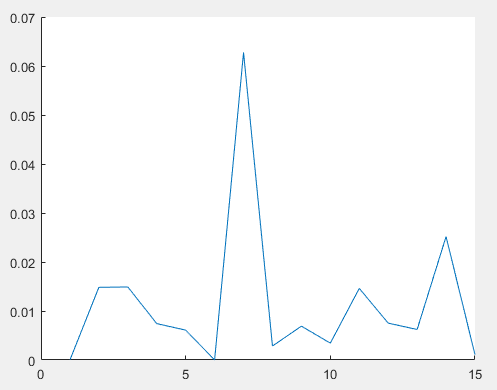
**FUNCTION 5**

**TRAINING\_ITERATIONS 1000**

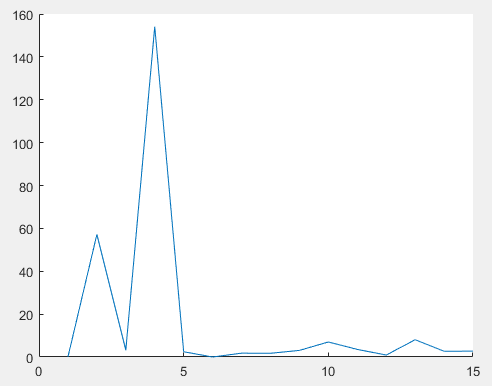
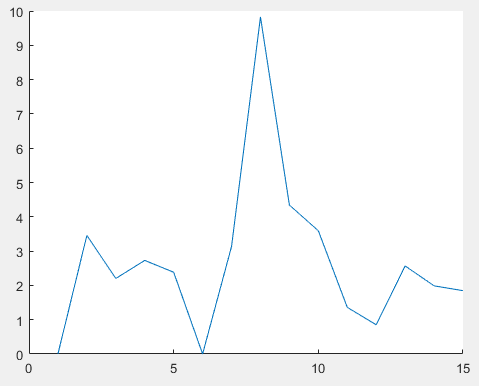
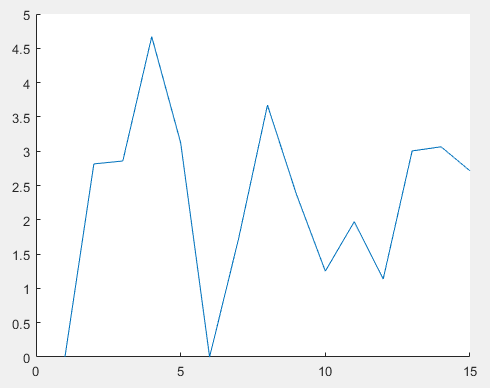
**(NETWORK DIM 5 1 GA\_SOLUTIONS\_SIZE 500)**



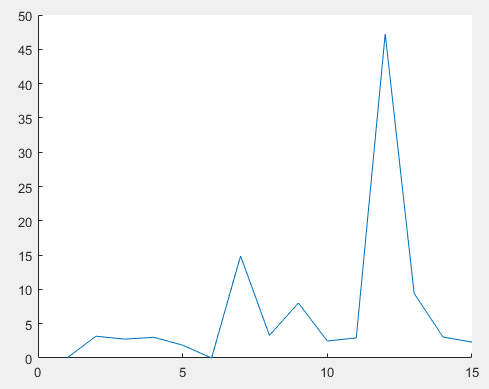
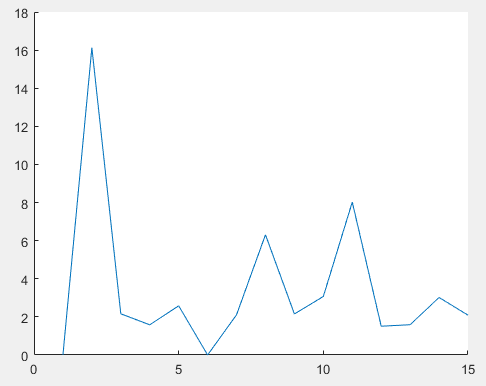
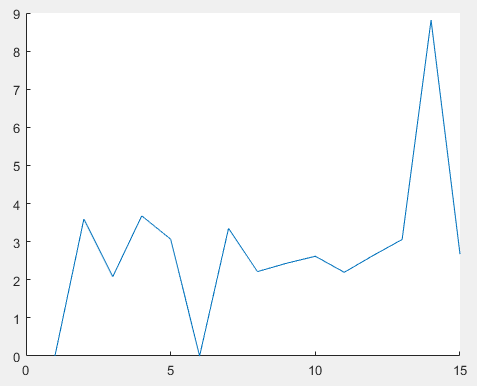
**FUNCTION 1**



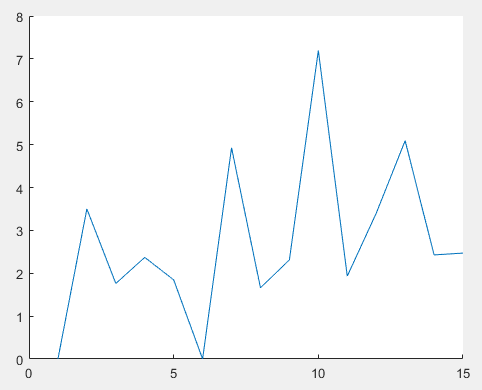
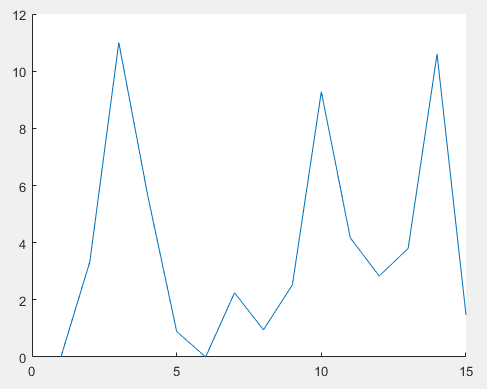
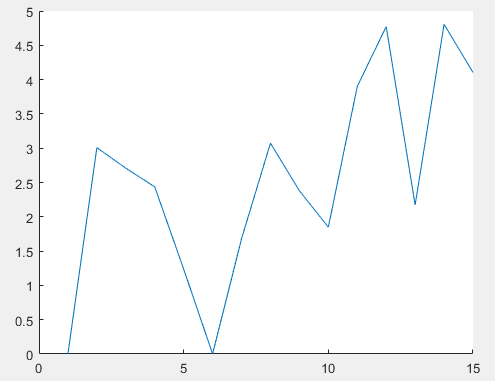
**FUNCTION 2**



**FUNCTION 3**



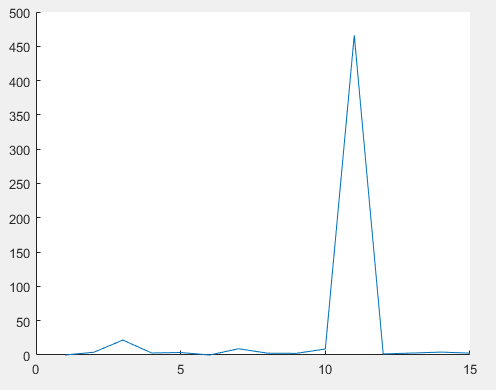
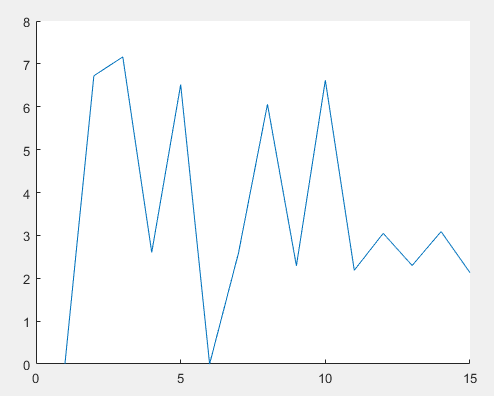
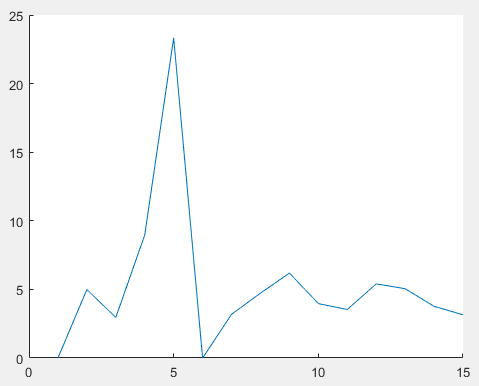
**FUNCTION 4**



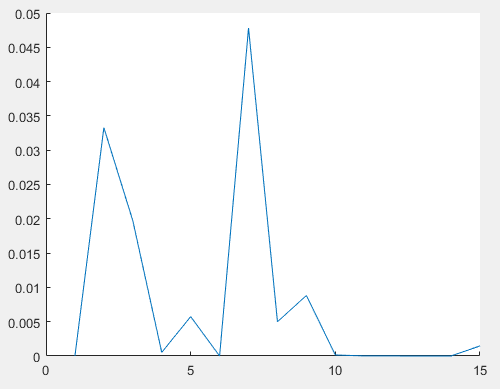
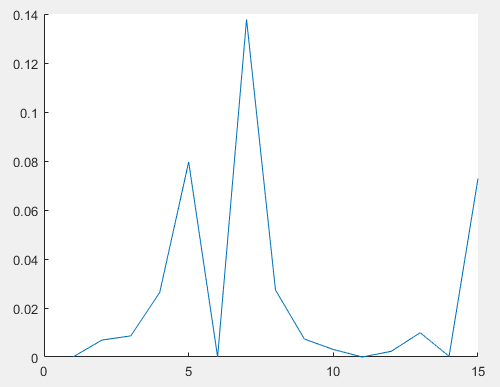
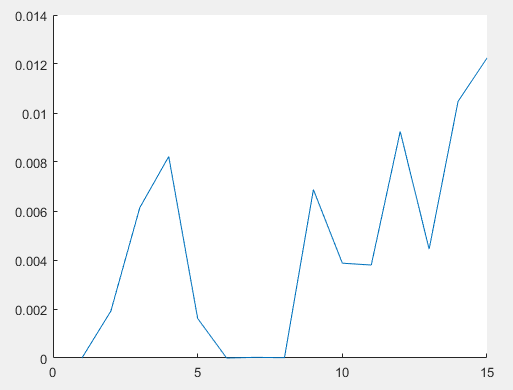
**FUNCTION 5**

**GA\_SOLUTIONS\_SIZE 800**

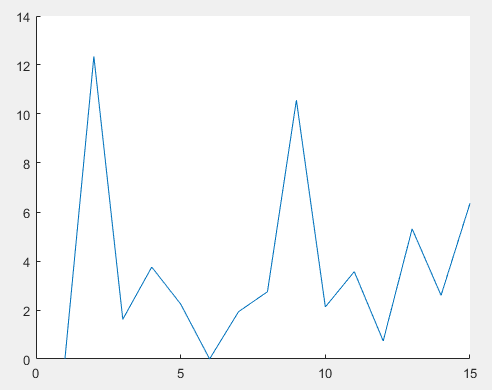
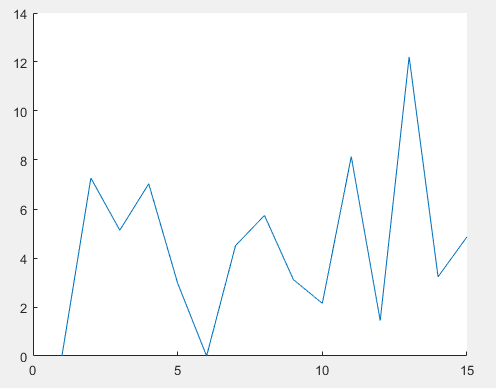
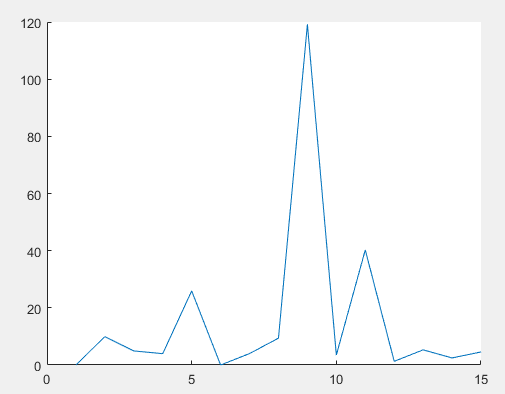
**(NETWORK DIM 5 1 GA\_SOLUTIONS\_SIZE 500)**



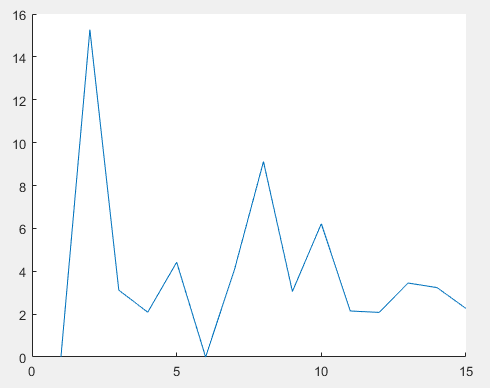
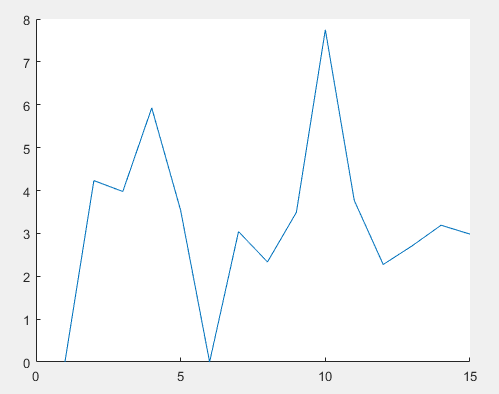
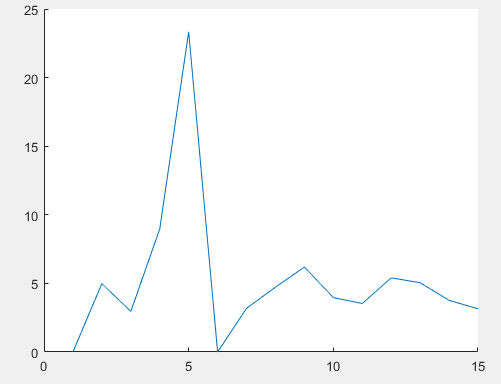
**FUNCTION 1**



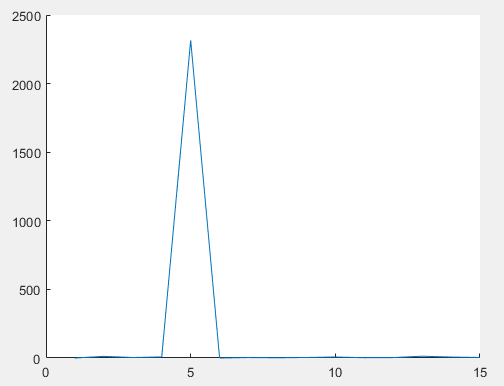
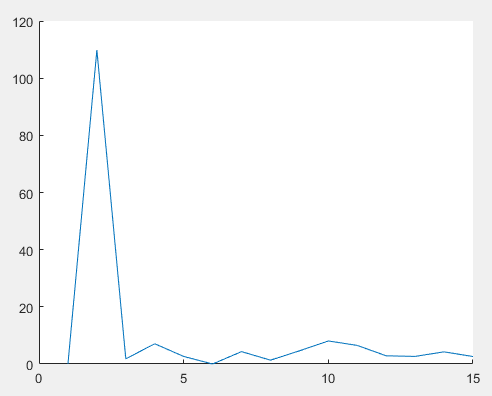
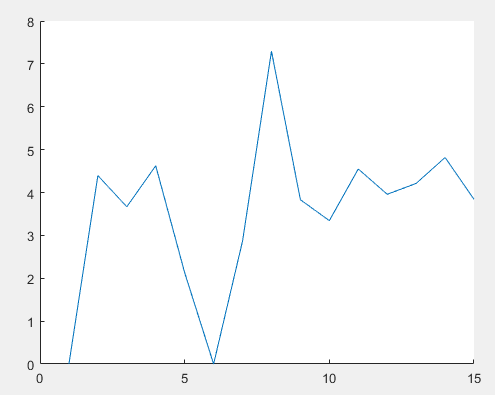
**FUNCTION 2**



**FUNCTION 3**



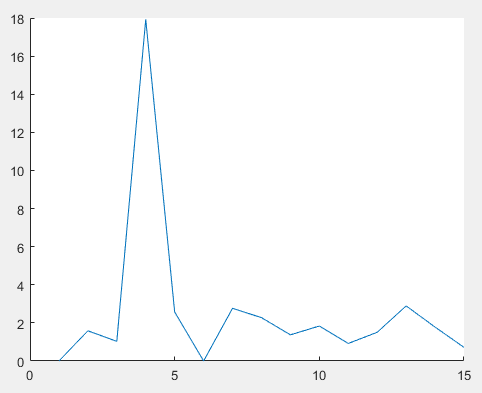
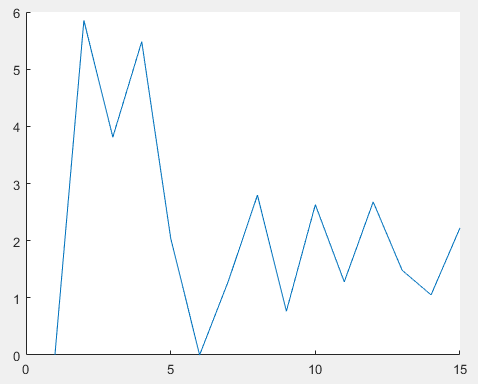
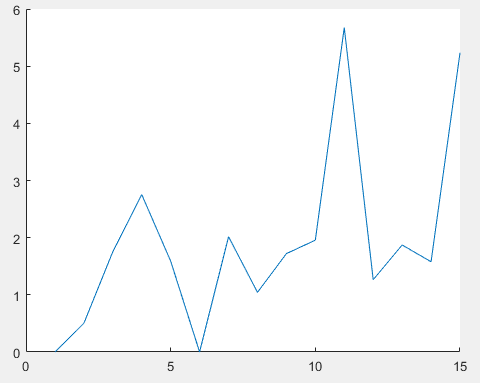
**FUNCTION 4**



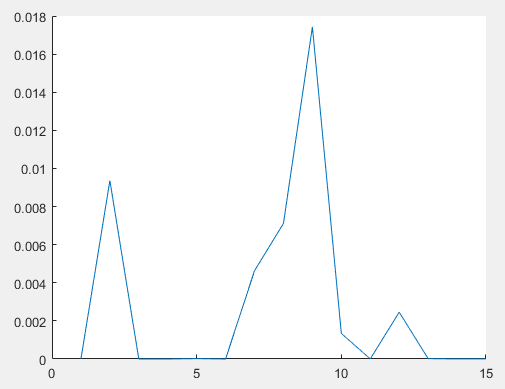
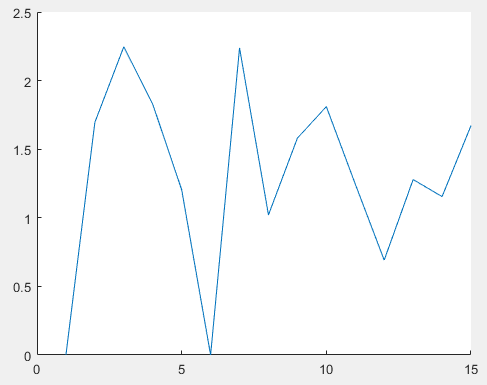
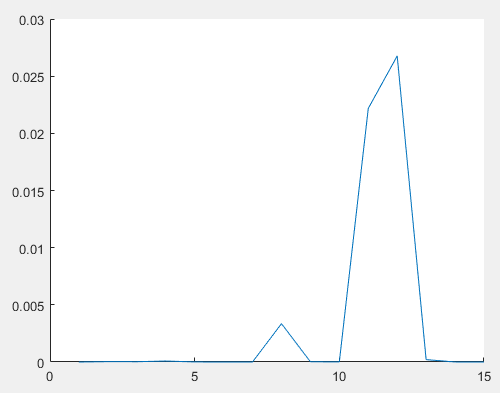
**FUNCTION 5**

**TRAINING\_ITERATIONS 50**

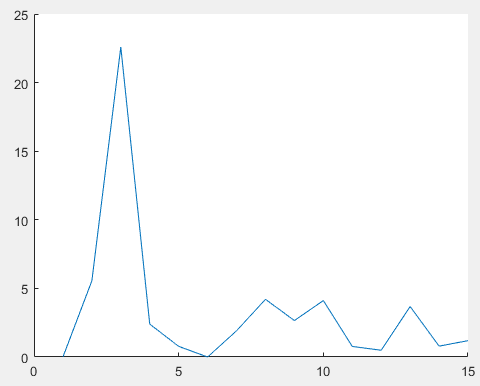
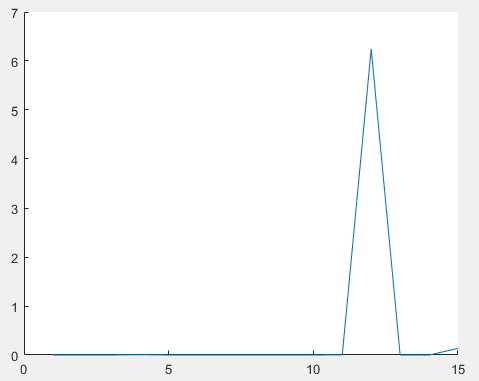
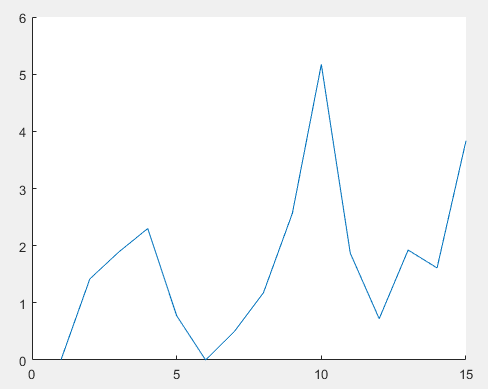
**(NETWORK DIM 5 1 GA\_SOLUTIONS\_SIZE 500)**



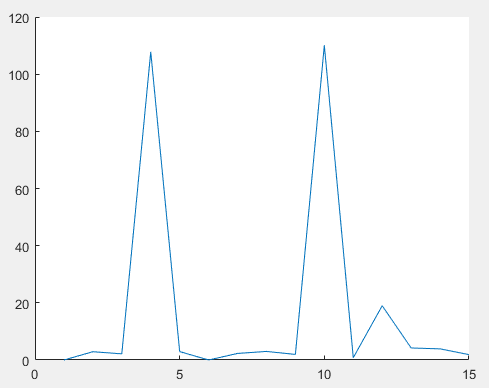
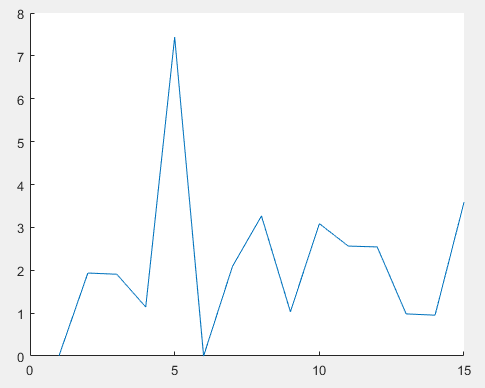
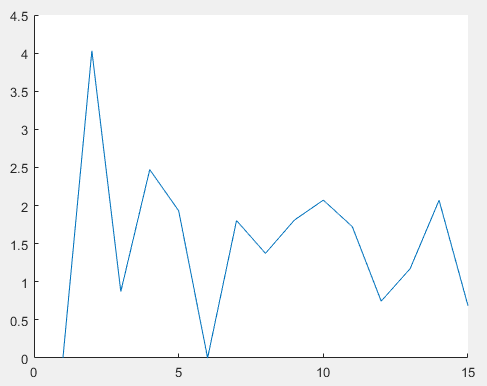
**FUNCTION 1**



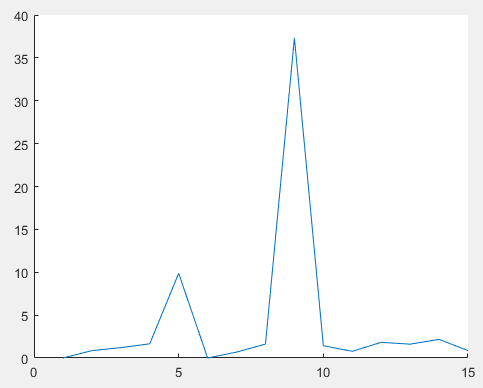
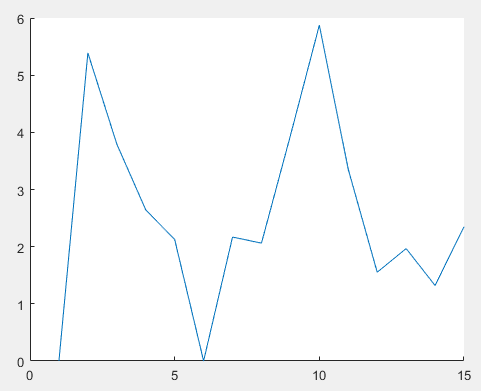
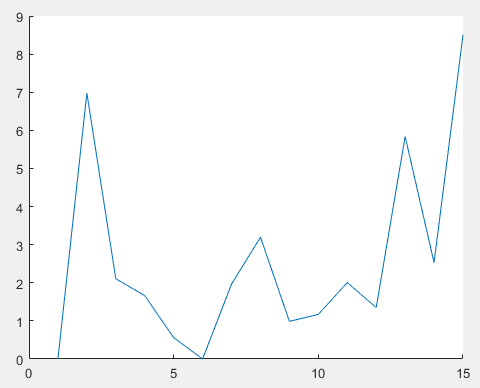
**FUNCTION 2**



**FUNCTION 3**



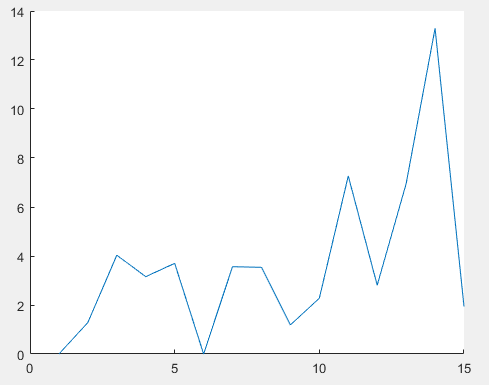
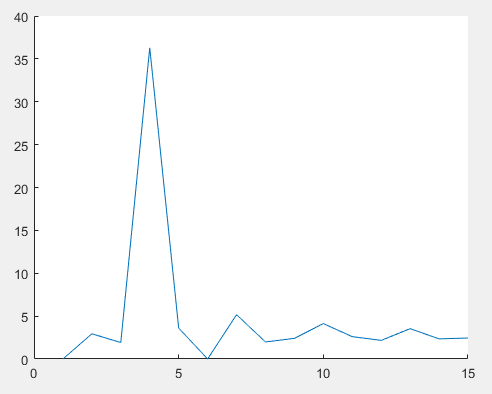
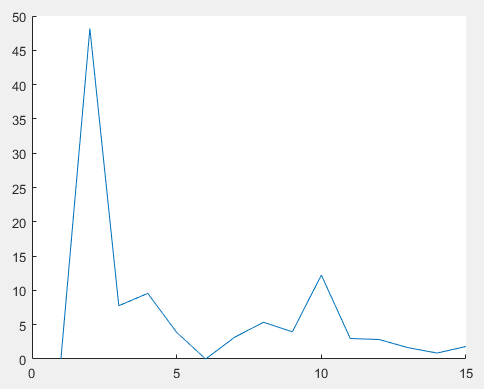
**FUNCTION 4**



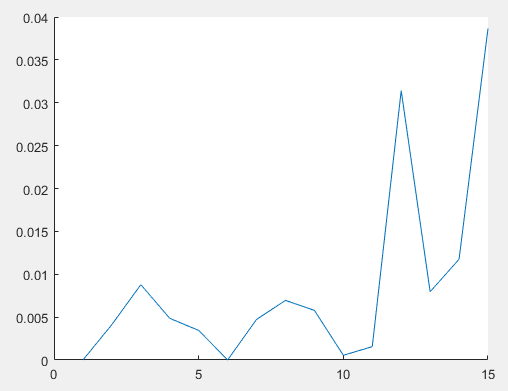
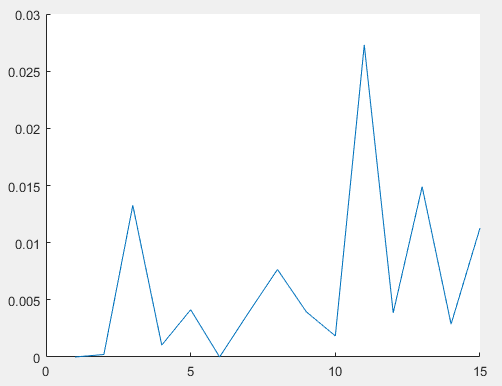
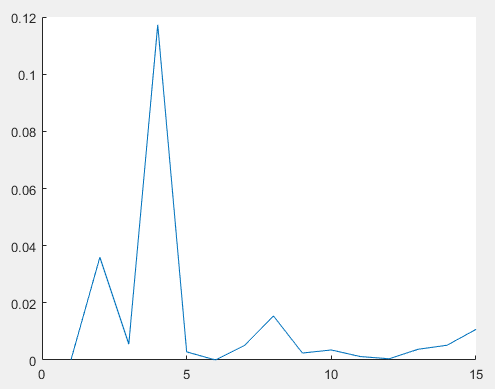
**FUNCTION 5**

**TRAINING\_ITERATION 500**

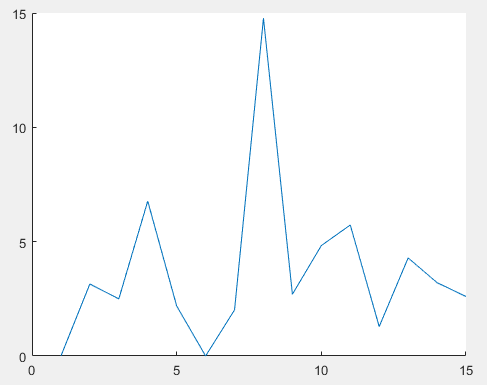
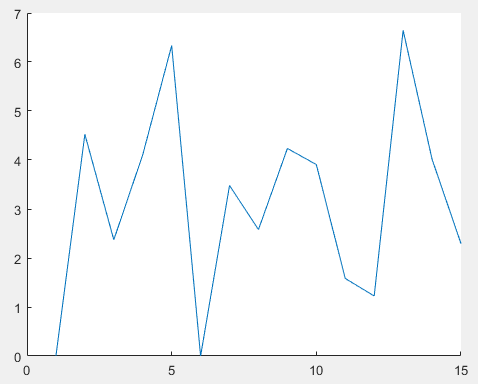
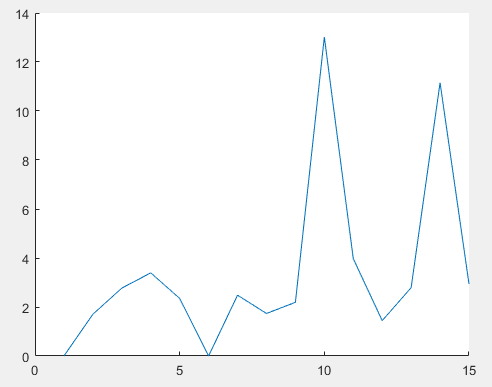
**(NETWORK DIM 5 1 GA\_SOLUTIONS\_SIZE 500)**

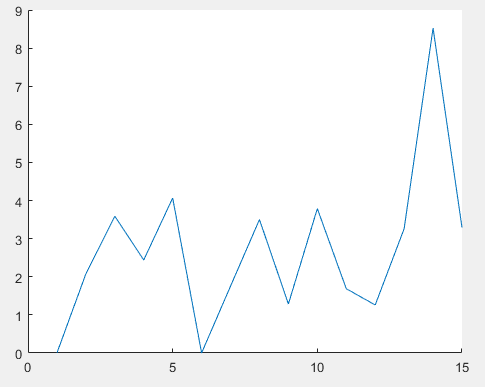
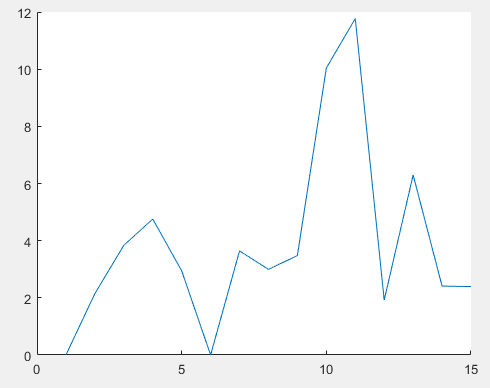
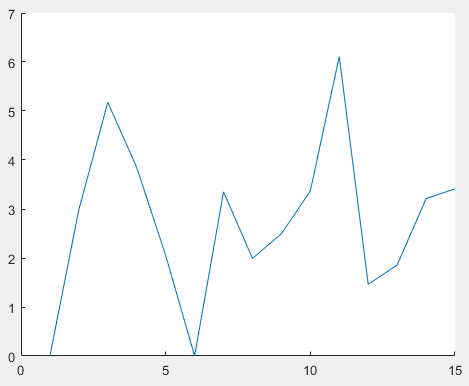
**FUNCTION 1**



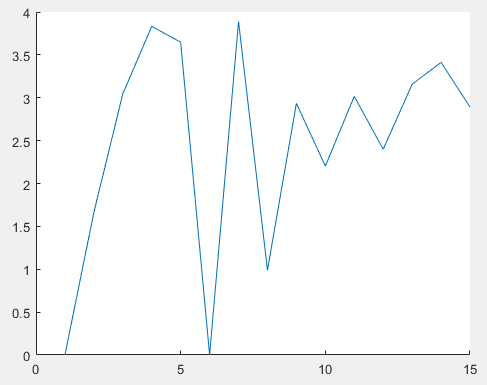
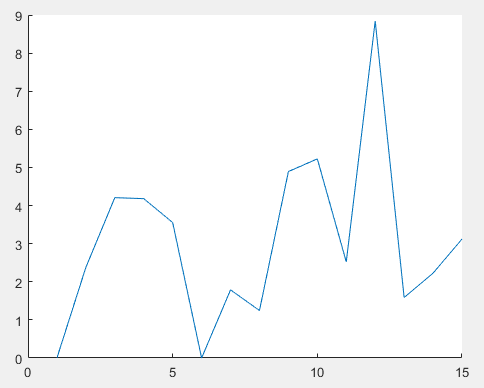
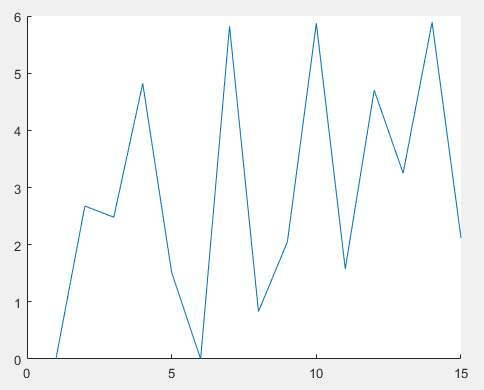
**FUNCTION 2**



**FUNCTION 3**

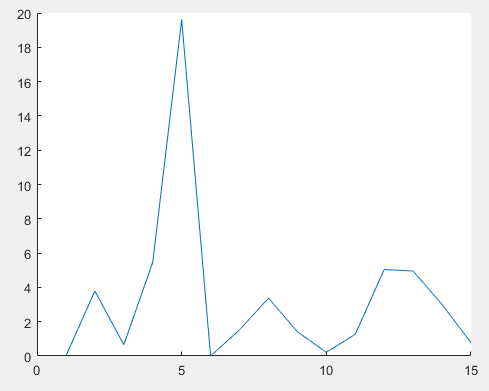
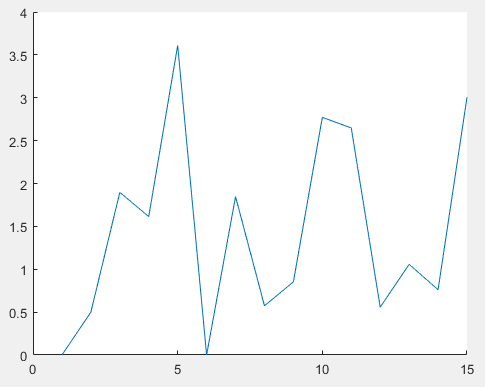
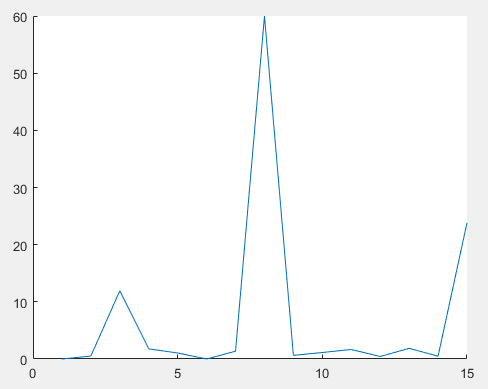


**FUNCTION 4**

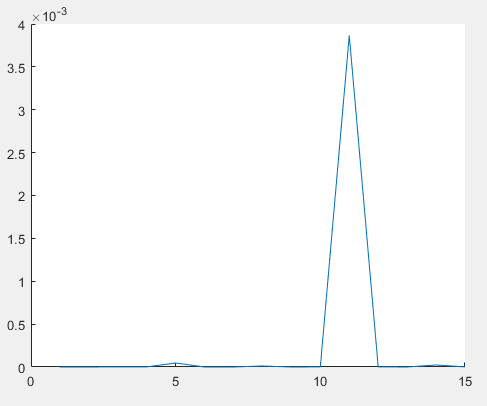
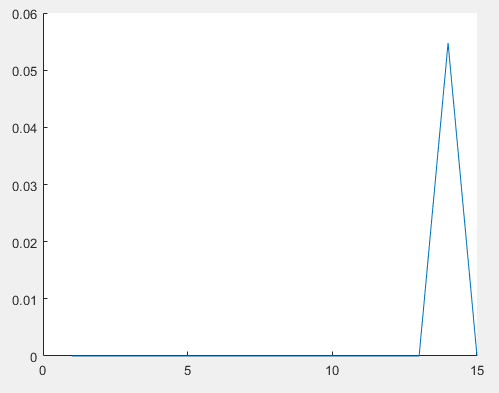
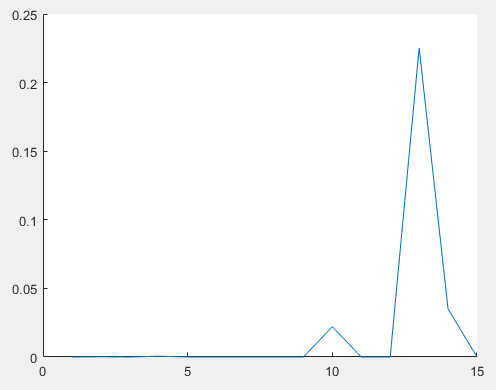


**FUNCTION 5**

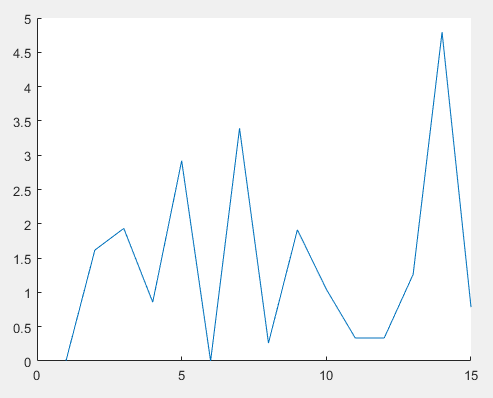
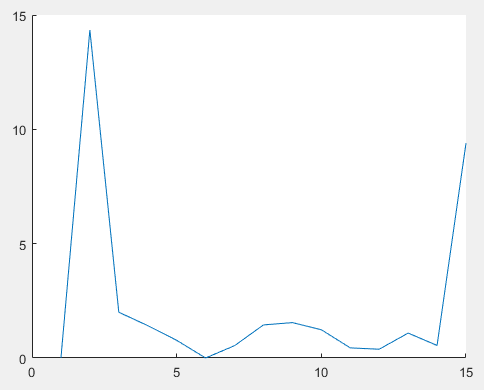
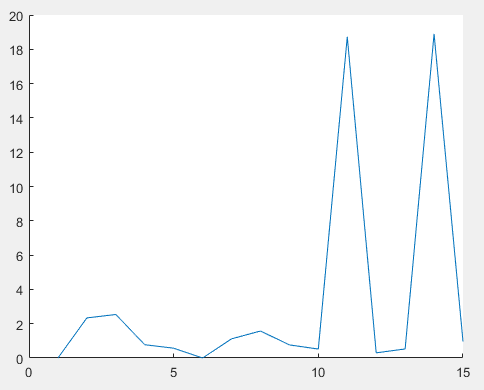
**TRAINING\_ITERATIONS 10**



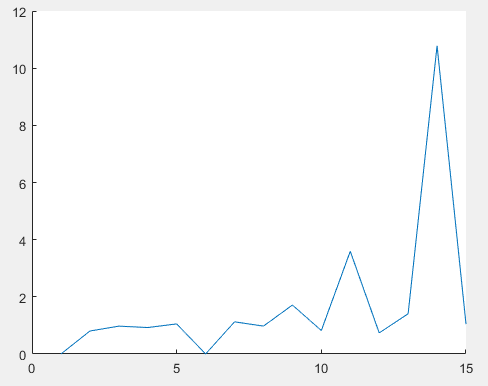
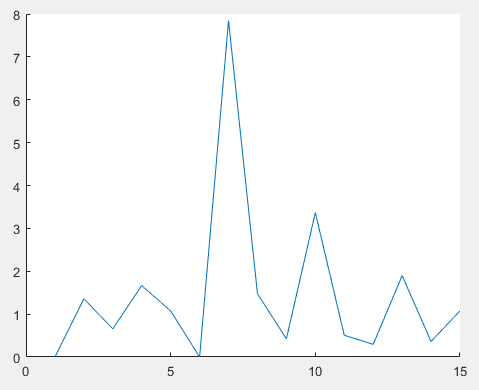
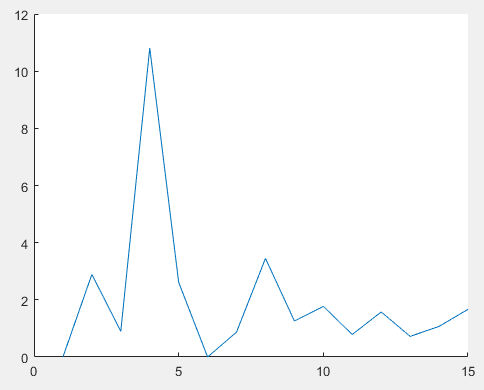
**FUNCTION 1**



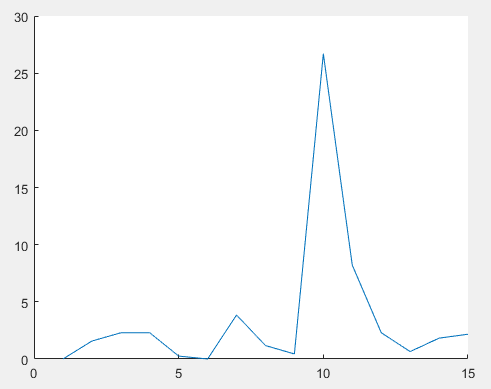
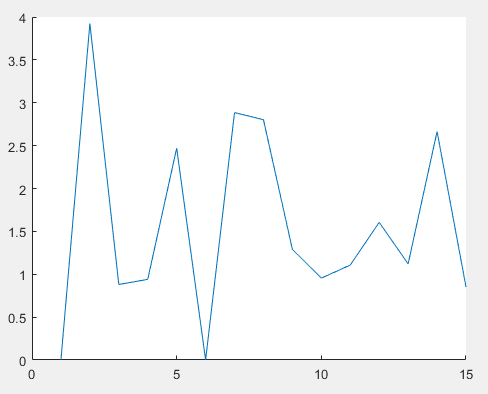
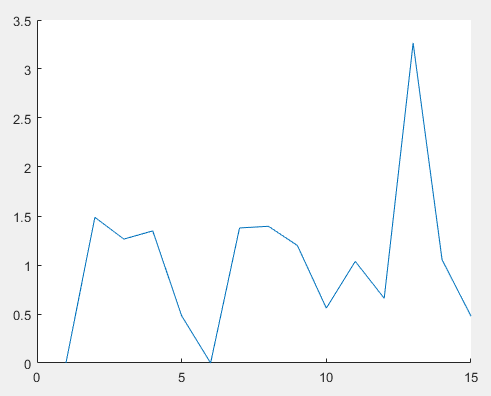
**FUNCTION 2**



**FUNCTION 3**



**FUNCTION 4**



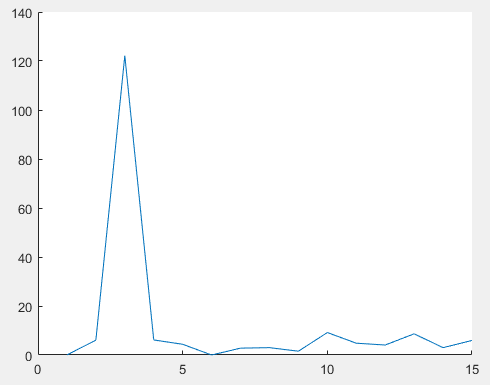
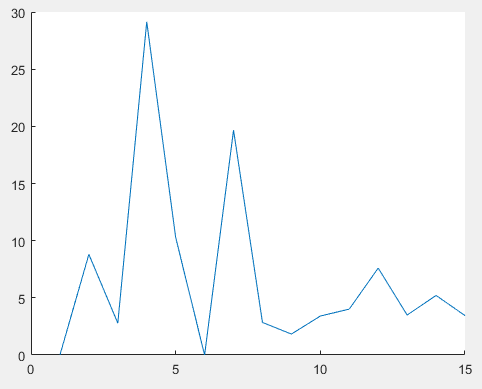
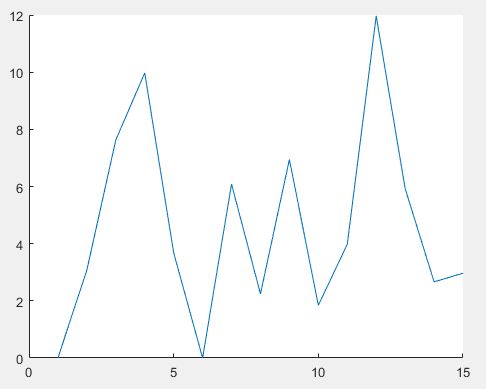
**FUNCTION 5**

**FINAL ANALYSIS**

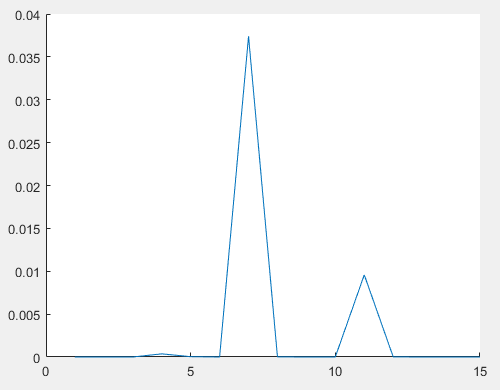
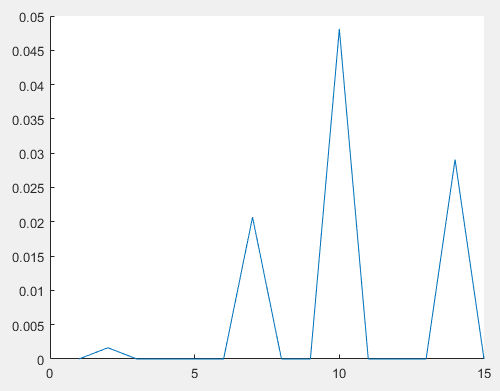
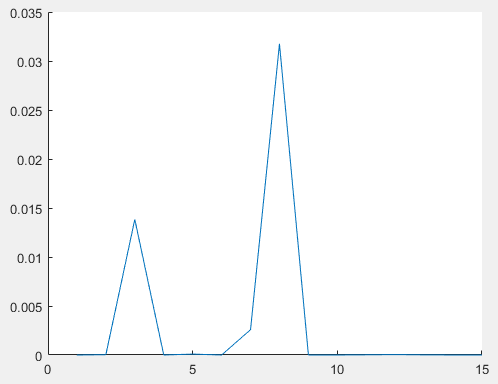
**NETWORK DIM 5 1**

**GA\_SOLUTIONS\_SIZE 800**

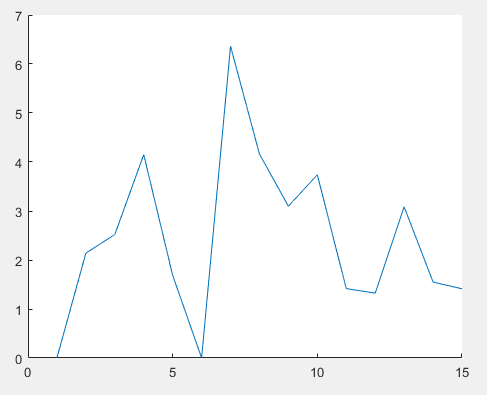
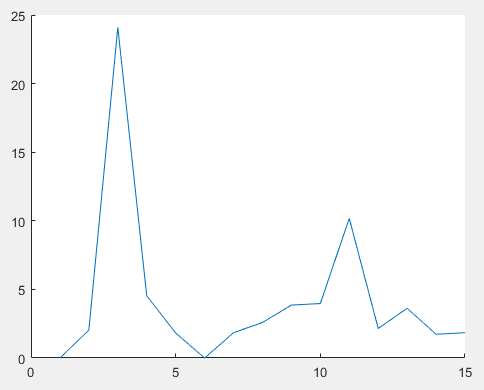
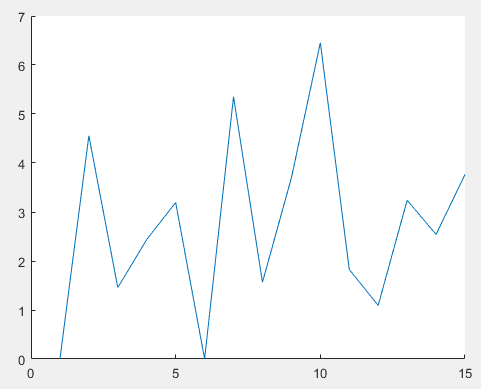
**TRAINING\_ITERATIONS 50**

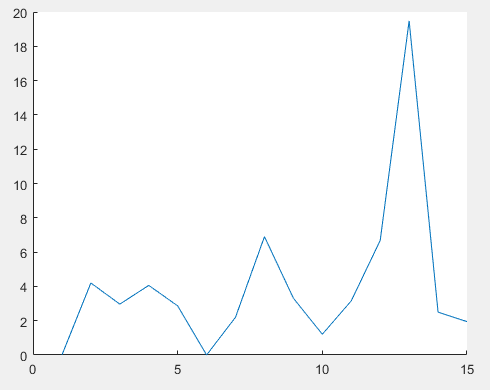
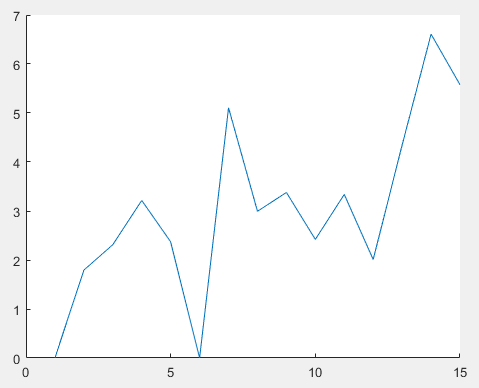
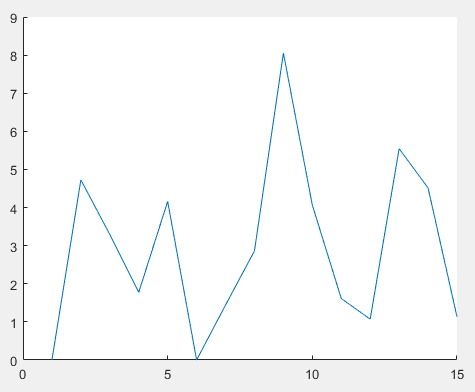
**FUNCTION 1**

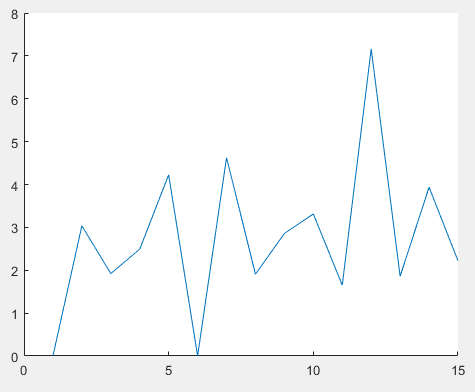
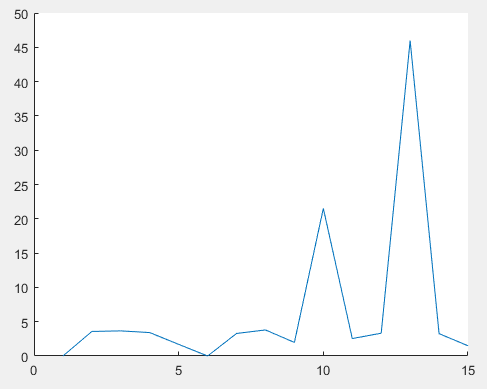
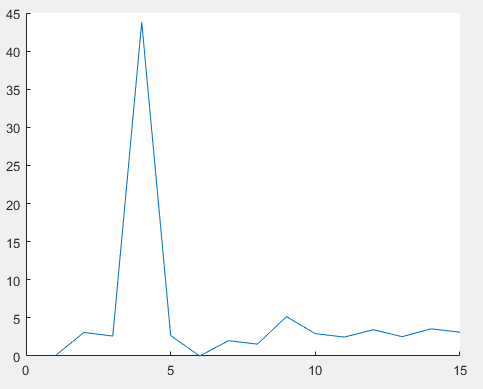
**FUNCTION 2**

**FUNCTION 3**

**FUNCTION 4**

**FUNCTION 5**