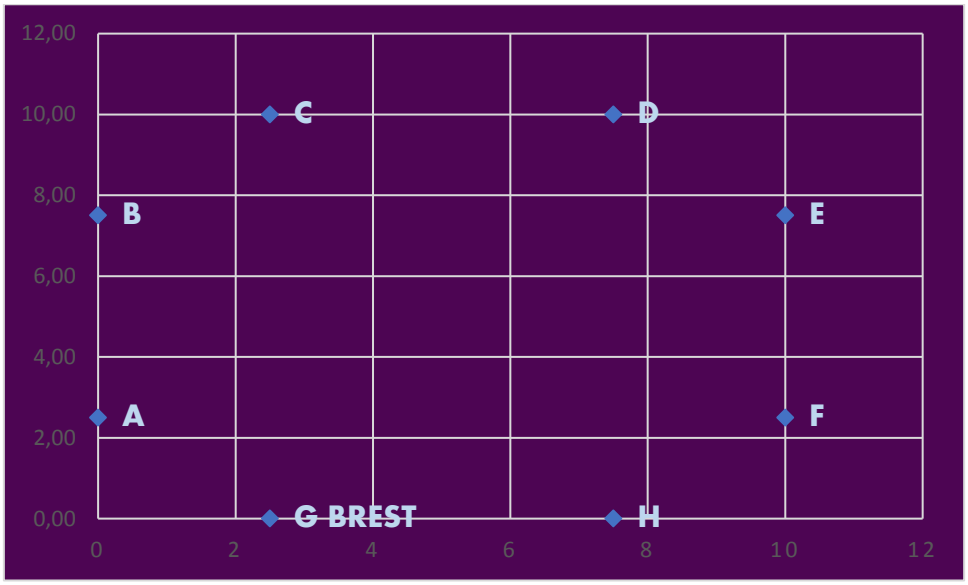
TSP WITH CERTAIN POINTS

WE HAVE 8 POINTS:

	X	Y
A	0	2,50
B	0	7,50
C	2,5	10,00
D	7,5	10,00
E	10	7,50
F	10	2,50
H	7,5	0,00
G	2,5	0,00

THE MAP:

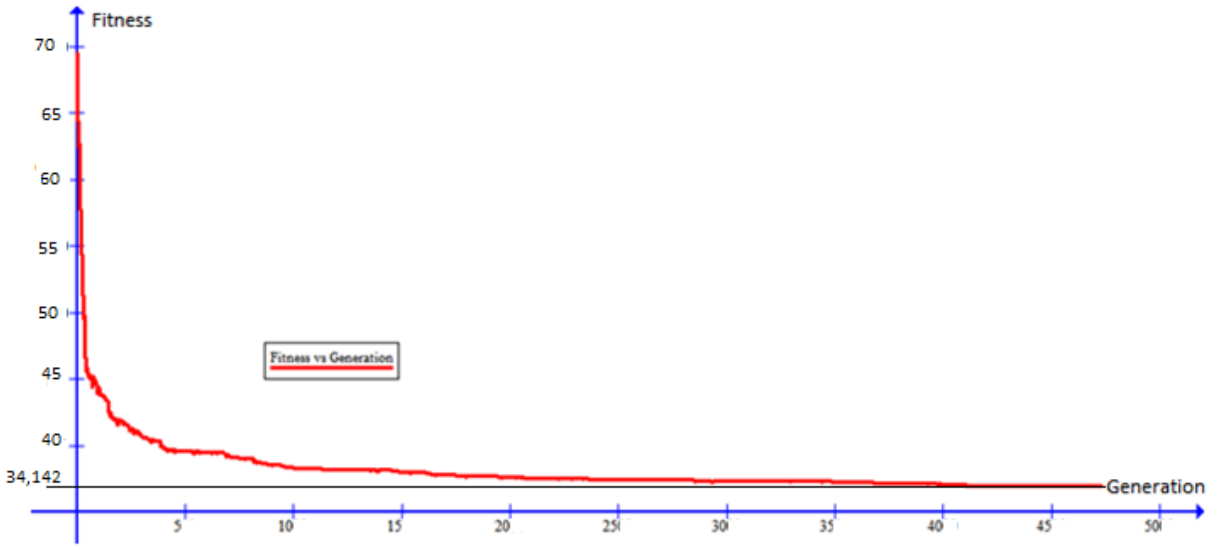


MAP OF PATHS:

	A	B	C	D	E	F	H	G
A	0,0000	5,0000	7,9056	10,6063	11,1803	10,0000	7,9056	3,5355
B		0,0000	3,5355	7,9056	10,0000	11,1803	10,6063	7,9056
C		3,5355	0,0000	5,0000	7,9056	10,6063	11,1803	10,0000
D				0,0000	3,5355	7,9056	10,0000	11,1803
E					0,0000	5,0000	7,9056	10,6063
F						0,0000	3,5355	7,9056
H							0,0000	5,0000
G								0,0000

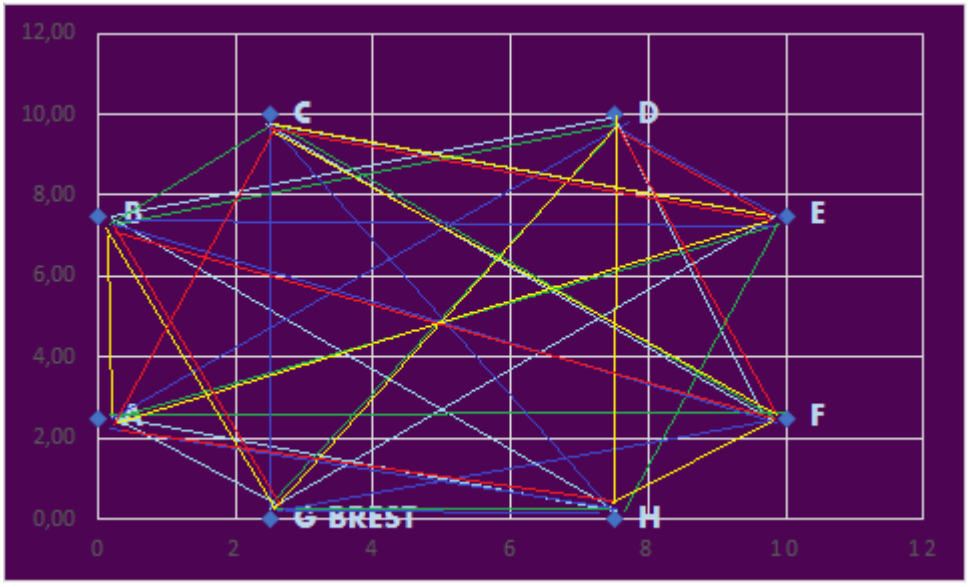
(VOID CELLS MEANS REPEATING OF VALUES)

FITNESS FUNCTION:

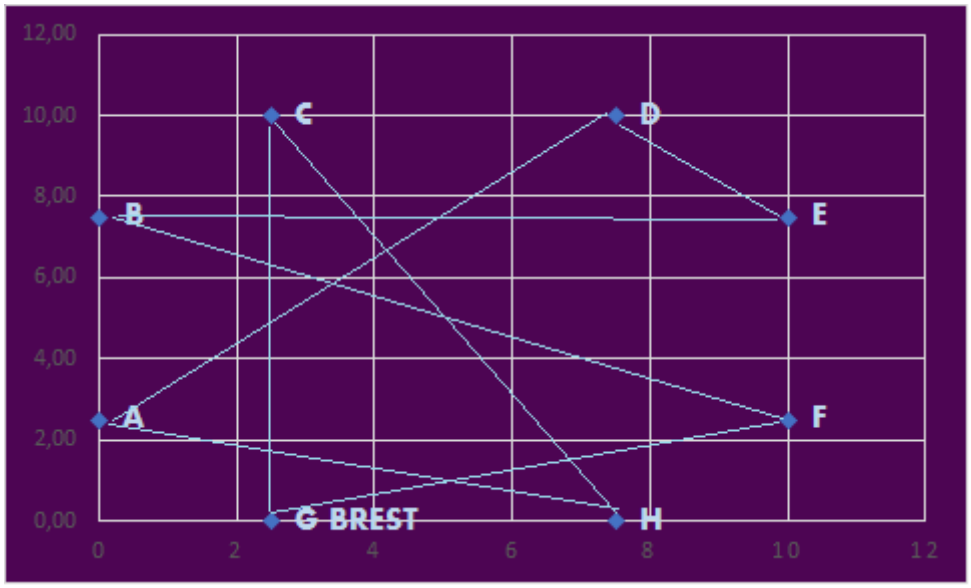


BEGINNING:

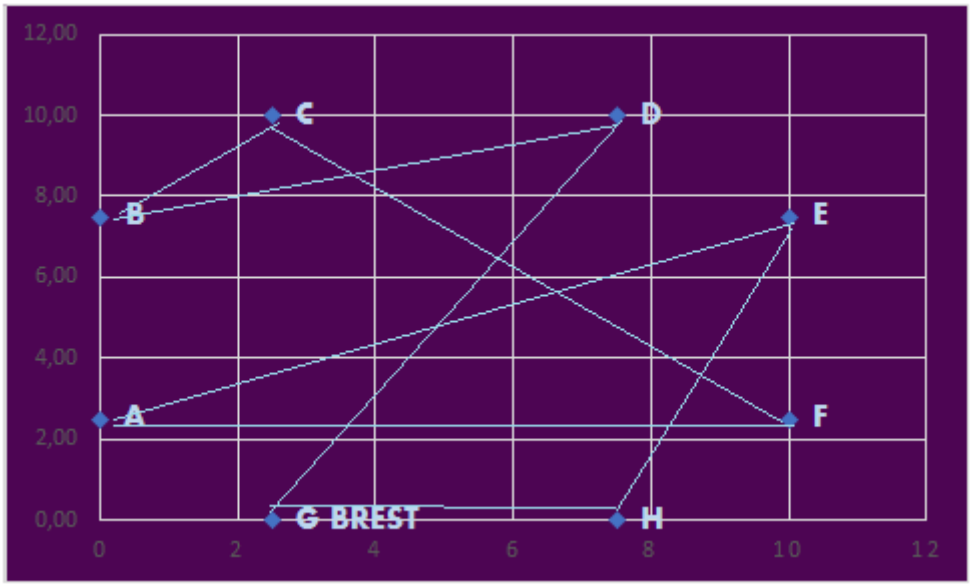
HALF OF POPULATION TOGETHER,



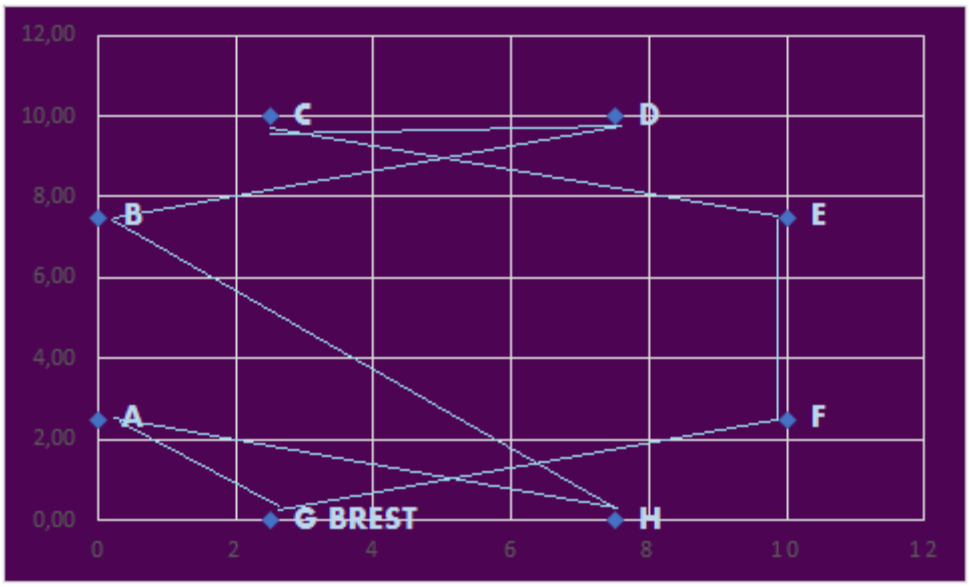
AND 3 OF THEM SEPARATLY



LIGHT BLU ONE, FITNESS : 72,3136



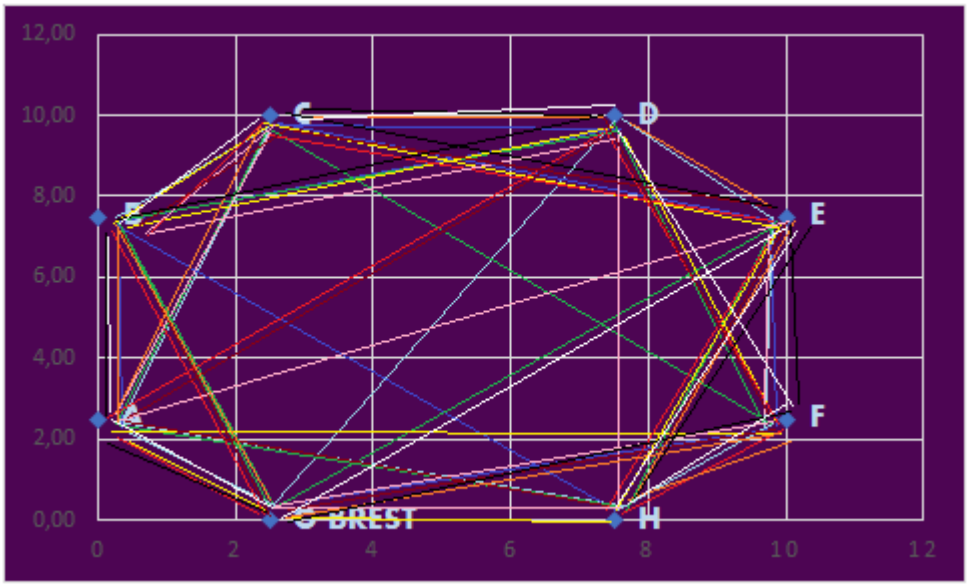
BLU ONE, FITNESS : 67,3136



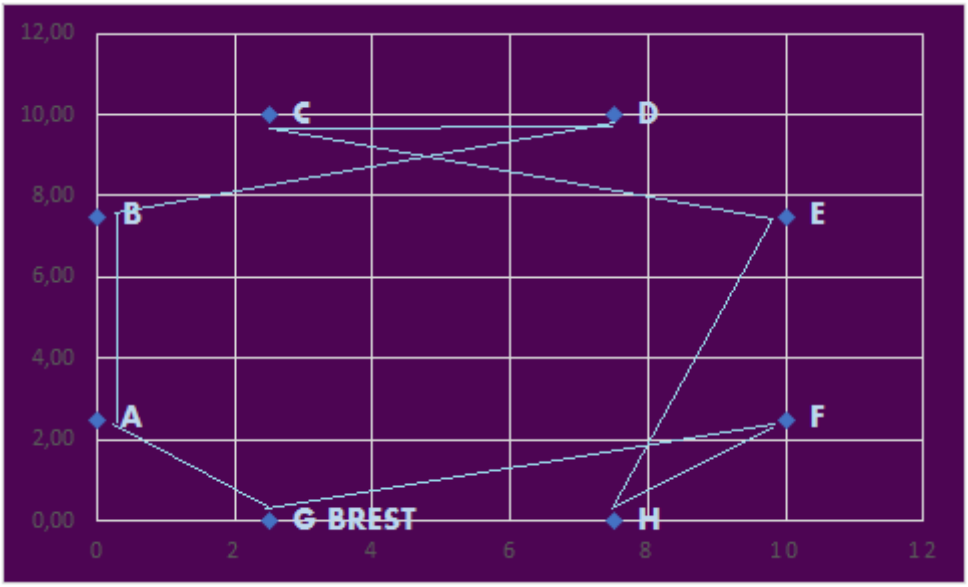
AND GREEN ONE, FITNESS : 66,9768

INTERMIDIATE:

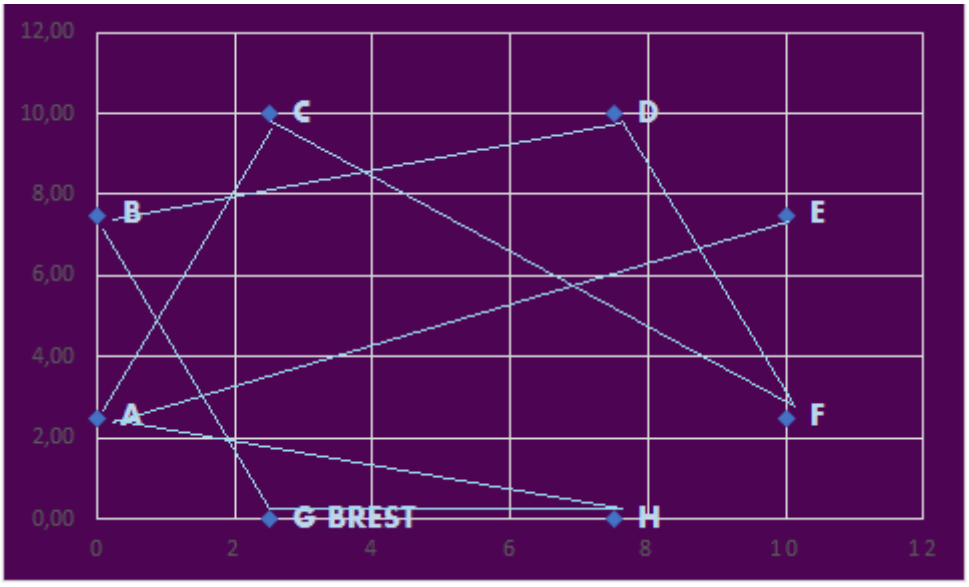
ALL POPULATION TOGETHER:



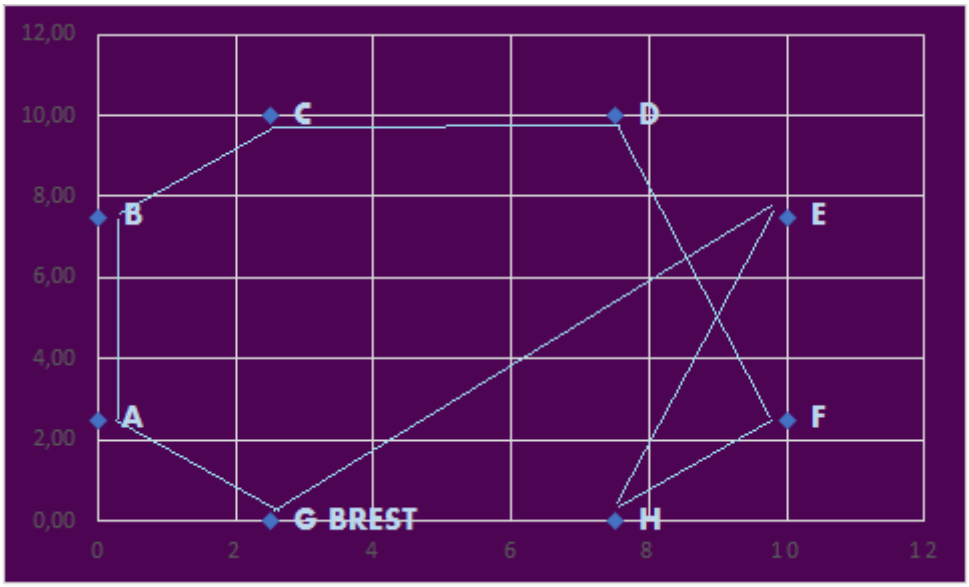
AND 3 OF THEM SEPARATLY:



GREEN ONE, FITNESS: 47,7624

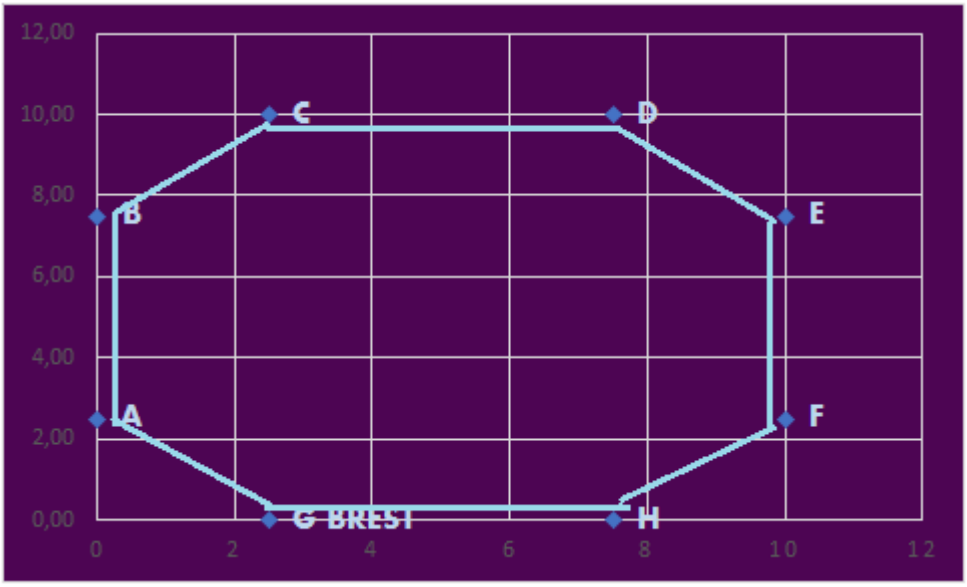


LIGHT BLUE ONE, FITNESS: 51,7564



BLUE ONE, FITNESS: 42,7465

AND IN THE END:



OPTIMAL PATH AND THE BEST FITNESS: 34,1420.