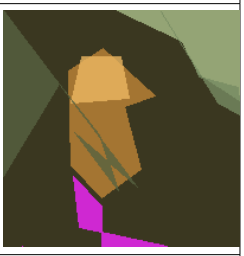
TÉCNICAS METAHEURÍSTICAS PARA OPTIMIZACIÓN.

Memoria del Ejercicio Tema 4

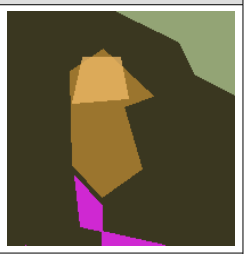
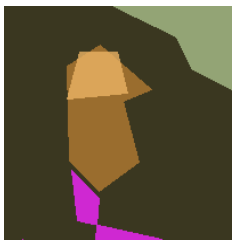
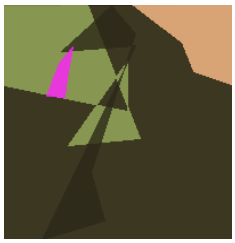
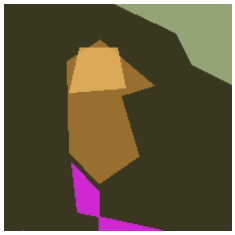
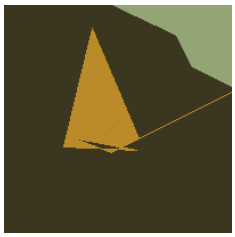
Jerónimo Carranza Carranza

Pruebas y resultados.

Se han realizado, entre otras, las pruebas siguientes con los resultados indicados:

id	initi_sol	view	vnx	num_shapes	candidates_by_iteration	delta	max_edges	max_iter	list_len	tolerance	gopt_max_iter	gopt_list_len	max_time	Time minutes	Fitness	Imagen Resultado
1505582566	N	F	-	1	100	50	7	100	2	50	10	5	100	2	385	
1505723424	N	F	-	1	100	50	7	100	2	50	10	5	200	5	343	
1505587204	N	F	-	1	100	50	7	100	2	50	10	5	600	14	178	
1505589419	N	F	-	1	100	50	7	100	2	50	10	5	1200	28	173	

id	initi_sol	view	vnx	num_shapes	candidates_by_iteration	delta	max_edges	max_iter	list_len	tolerance	gopt_max_iter	gopt_list_len	max_time	Time minutes	Fitness	Imagen Resultado
1505596056	N	F	-	1	100	50	7	100	2	50	10	5	3600	87	138	
1505611733	N	F	-	1	100	50	7	100	2	50	10	5	7200	179	128	
1505651506	N	F	-	1	100	50	7	100	2	50	10	5	10800	269	113	
1505689176	***N***	***F***	-	***1***	***100***	***50***	***7***	***100***	***2***	***50***	***10***	***5***	***18000***	***449***	***106***	
1505587204	N	F	-	1	100	50	7	100	2	50	10	5	600	14	178	
1505587204	N	F	-	1	100	50	**15**	100	2	50	10	5	600	17	258	

id	initi_sol	view	vnx	num_shapes	candidates_by_iteration	delta	max_edges	max_iter	list_len	tolerance	gopt_max_iter	gopt_list_len	max_time	Time minutes	Fitness	Imagen Resultado
1505721849	N	**T**	-	1	100	50	15	100	2	50	10	5	100	2	385	
1505722303	N	F	-	1	100	50	7	100	2	50	**50**	**25**	100	2	383	
1505722676	N	F	-	1	100	50	15	100	**10**	50	10	5	100	2	400	
1505724492	N	F	-	1	100	50	15	100	2	**500**	10	5	100	2	384	
1505672872	N	F	**vnd**	1	100	50	15	100	2	50	10	5	100	2	471	
1505673413	N	F	**vns**	1	100	50	15	100	2	50	10	5	100	2	382	

Con la implementación de fitness = fitness_new:

id	initi_sol	view	vnx	num_shapes	candidates_by_iteration	delta	max_edges	max_iter	list_len	tolerance	gopt_max_iter	gopt_list_len	max_time	Time minutes	Fitness	Imagen Resultado
1505725889	N	F	-	1	100	50	7	100	2	50	10	5	100	2	53	
1505726281	N	F	-	1	100	50	7	100	2	50	10	5	200	5	34	
1505727631	N	F	-	1	100	50	7	100	2	50	10	5	600	14	22	
1505728772	**N**	**F**	**-**	**1**	**100**	**50**	**7**	**100**	**2**	**50**	**10**	**5**	**1200**	**30**	**18**