a) GRASP																
Data Instance 1																
parameter alpha	Iteration 1	Iteration 2	Iteration 3	Average		0	.91 ——									
0	0.89769728	0.89769728	0.89769728	0.89769728		^	00									
0.1	0.86308435	0.86482479	0.86698481	0.86503458			.90 —									
0.2	0.8678784	0.8698144	0.86610604	0.86699222	alue	0.	.89 —									
0.3	0.87570038	0.87798065	0.88090993	0.878305155	avg fitness value	: : 0.	.88			_/_						
0.4	0.89769728	0.89316346	0.88716351	0.892430395	tnes			\								
0.5	0.89196302	0.89020588	0.89603891	0.894000965	ıj gy	0.	.87 ——		/							
0.6	0.90094845	0.90094845	0.90094845	0.90094845	a a	0	.86									
0.7	0.89769728	0.89769728	0.89769728	0.89769728		Λ	.85 ——									
0.8	0.90094845	0.90094845	0.90094845	0.90094845		O,	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7 0.8	8.0.8) 1
0.9	0.90094845	0.90094845	0.90094845	0.90094845								II				
1	0.89769728	0.89769728	0.89769728	0.89769728							а	lpha				
Data Instance 2																
parameter alpha	Iteration 1	Iteration 2	Iteration 3	Average		0	.795 —									
0	0.78897925	0.78897925	0.78897925	0.78897925		•	., 00									
0	0.70007020	0 000 0=0														
0.1	0.78239184	0.78338489	0.78294172	0.78266678								1				
	0.78239184	0.78338489	0.78294172 0.78723848	0.78266678 0.788510065		0	.790 —			_	_	1		/	_	
0.1	0.78239184 0.78978165	0.78338489 0.78801199			s value	0	.790 —				<u> </u>			/		
0.1 0.2	0.78239184 0.78978165 0.78978165	0.78338489 0.78801199 0.78897925	0.78723848	0.788510065	ness value	0	.790 —	\			<u> </u>					
0.1 0.2 0.3	0.78239184 0.78978165 0.78978165 0.79331094	0.78338489 0.78801199 0.78897925 0.78897925	0.78723848 0.79331094	0.788510065 0.791546295	g fitness value	0	.790 —							_		
0.1 0.2 0.3 0.4	0.78239184 0.78978165 0.78978165 0.79331094 0.79581097	0.78338489 0.78801199 0.78897925 0.78897925 0.78897925	0.78723848 0.79331094 0.78897925	0.788510065 0.791546295 0.791145095	avg fitness value	0	\									
0.1 0.2 0.3 0.4 0.5	0.78239184 0.78978165 0.78978165 0.79331094 0.79581097 0.78897925	0.78338489 0.78801199 0.78897925 0.78897925 0.78897925 0.79331094	0.78723848 0.79331094 0.78897925 0.78897925	0.788510065 0.791546295 0.791145095 0.79239511	avg fitness value		.785 —									
0.1 0.2 0.3 0.4 0.5 0.6	0.78239184 0.78978165 0.78978165 0.79331094 0.79581097 0.78897925 0.78978165	0.78338489 0.78801199 0.78897925 0.78897925 0.78897925 0.79331094 0.79331094	0.78723848 0.79331094 0.78897925 0.78897925 0.78897925	0.788510065 0.791546295 0.791145095 0.79239511 0.78897925	avg fitness value		\	0.1	0.2	0.3	0.4	0.5	0.6).7 0.8	3 0.9	
0.1 0.2 0.3 0.4 0.5 0.6	0.78239184 0.78978165 0.78978165 0.79331094 0.79581097 0.78897925 0.78978165	0.78338489 0.78801199 0.78897925 0.78897925 0.78897925 0.79331094 0.79331094	0.78723848 0.79331094 0.78897925 0.78897925 0.78897925 0.78978165	0.788510065 0.791546295 0.791145095 0.79239511 0.78897925 0.78978165	avg fitness value		.785 —	0.1	0.2	0.3		0.5	0.6	0.7 0.8	3 0.9	1