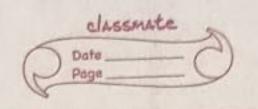
Date Page	
	1
(2-x2)2	1
14 18 3	1

	Hydrozoan Algorithm								
0	Q. $\int \alpha_1 x^2 = (-x_1)^2 + 100(x_2 - x_1^2)^2$								
W-									
	1 returns Litness - Value.								
<b>⇒</b>	Initial input vector								
	H = 1231								
	3 4 41 = 131 - 131								
	L 4 5								
	$\frac{1}{x}$ , $\frac{1}{x^2}$								
1/1									
	Here, n is no. of inputs $n=3$ D=2. (D-dimensional).								
	Corresponding fitness values == = 101 2504								
170	12109								
	growth value Gi(i) = 1000   F(i).								
	$G_1 = \begin{bmatrix} 9.9 \\ 0.4 \end{bmatrix}$								
	0.08								
	Median $(G_i) = 0.4$								
	Swarm = G-Med = [9.9] [0.4]								

0.4 0-4 0.08 0.4 9.5 0 - 0.32

	Min = -0.32 Marc = 9.5 (cuidra values)
	Problem & Freit
	Split (b) = 3
	0 1 111 PH - MILE
	1 100.0   shang
	Clore - 7.9 9-9-9-9-9
	Clone = 2 3 800
	112 3 1200
	2 3
	a object to (13 10 4) days ocean tallit state
	sobri to HEOTO = doing som brosse
	Mutation: -
	Clone (i,j) = Clone (i,j) x (1+RP)
	RD = (Max-Min) X rand() + run.
	Marc = 10 10 1 Min = 10-2
	Let after mutation, -
İ	() ano = 12 5
i	2.06 + 3.21
i	2.121 3.22
	3.29 4.08
ı	
	Corresponding fitness values:
-	106.69
	117717
	4538.73
Ī	101

				Page	=0				
-			THE RELEASE						
	Crossover: +	= 900/4	58.0	- WM					
	A F 63 1								
Te l	Prob(i)= F(1) sum of fitness								
	sum = 4914.1								
		0.021	1						
		0.022	1/2	- was a specific					
		0.034	3	= RNO					
		0.924	1 4						
		5013	12 2						
	state First max	prob. =	0.924	at inde					
	Second max p	rob. =	0.034	at inde	x 3.				
			- 1	Mutation	1				
	Seosover bil	seen 3	and	y.					
	tet Clone Y	ion be	29/1-30/1	199					
	Hew Chine	===	101	P - MI	7.8047				
	+08-69217								
	Kanada Landa	Morte	1 163	Let apple					
		3	- 12	Clarice					
	After crossover	between	3 4	4,					
	New F =	[101	2						
	1.00.00	709.	91	Sorted	in				
	. 10130	965	.96		sing order				
		The state of the s	1.25	3	0				
		63.301							
	The smallest	EGS	is the	answer	Uha				
			No U.W	· · · · · · · · · · · · · · · · · · ·	for				
	this iteration.  Fi = 101								
	F1 - 101								
1	Clone (i) whose fitness is F, = Ibest.								
110	come (1) whose	& pitner	t si de	1 = Ibe	st.				



Now, all clone values whose fitness value is equal or greater than Fitness threshold are set equal to Ibest for the next iteration. Here we take Fitness threshold = F(2) = 709.91

New Clone for next iteration = [23]
23
23
23

is repeated again.

For final answer we take the average of all the Fralues in each iteration.