MIM: 200911100153 KKE Karos : Lotthen 0 Eki volensi deri bambu kesi' cololeh Y= (x-) Y) don (Y=x) ite busicon from beiefor on toriebin down X+Y= bios = 0.0046, W1 = -0046 don W2 = 0.373 don XX = hiss: 0.218, Wx = 0,534, W3 = 0.305 host 14 , bios: -0.35, w, = 0.2 don wz = 0.3 orgination paragram 0.00K D 0 Kade unten soot latinon 2 MF. COTTON ([[0.9,0.7, 0.1, 0.2], [0.2, 0.2, 0.7, 0.9]]) doe: np.oray (EE 1,1,1,0), [0,0,0,1], [1,0,0,0], [0,0,1,1]]) Junish Epoch learning rate : 0.5 fork in longe (funisherech): for 1 in range (lon(duted); temppoh + np. zeros (lenku)): tempost[]] = np. (malq . norn (dota [1) -cu(j)): Minud : np. argmin (tempetish) for Jinronge (bn (cb)) 1 CUEJ] = CU[j] † learney role † neighbourd for COVE on in and J, CU[j]) Pont (cv) For 1. In large ((m (olota)): temp my & al. 2000 ((en(cu)) for d in range (len (cu)) temport [1] : np. Line ly. room (char(i) - cv[i]) Mind = Mp. agmin (temp Doll) Print County).

Nomo 8

Firm Amun Nath

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France

* Particle sworm optimization

Meruposan logian dari Perdanatan swaran Inteligence yang ternspirasi dari pasa tertang dari sekelempan burung yang berpindah tempat dari scatu deprah ke daarah lainnya. Dari Pergerosan teoloni tersebut dianggap sebagai agan untun mencari solusi dalam reang Pencarian. Olah karena Itu Pso ini digenosan untun menjeni Permosaidan aptrimati.

Mocking - mosting portices Yong dibong kithan second acom, bargeron unrun Menantukan soluti terboik. Pangaronan Portukas - partukas im dipengaruhi oleh: L Keceparan Parturus E unertirio Velucity).

- 2. Solitité afou joien antere posses partises sootine (current pantien). clangon partises des parties des partises to sender.
- 3 seusin atal from antero posici particel soor ini akingan 6 lebel best

Fortuel of an alphabetheru' Melolu' parsonnoun; $X_1(t) = X_1(t) + U_1(t+1)$.

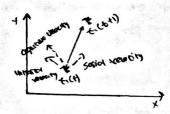
Sedong Kan Ui okon ollhurung molowi parson com.

4. (+61) = Cov.(+) + C. (-1)[p; (+) - x. (+)] + qr. (+)[p, (+) - x. (+)].

Panona Cidan Ce morupezan konstanta percupatan dari cognizione. Fidose morupan esement stock hastin ya dipongkiran Fondam.

Benut algorithm pso

- 1. Bongertican segument in particular Charle Kecapatan dan Kecapatan) secons random.
- 2. Setoma kondisi terpenuhi moka lakukan perungan bankut
 - a. Unruh settop partired ko-i:
 - 1) x. < f(p.) more p1 = 22,
 - 2) Min (Pneighborry)
 - 3) Update Velocity
 - 1) Update portion.



Am covery optimization

Maupanan tampirasi dari Kehudupan Karani sehat Khususnya pola karjusamo Ontora scanut closen pencarion sumbor monanon. Otah korona itu chagorismo ACO terrispies, don bernion nuis que voien semmi in. Young tangets dapa memphesistum basil Optimas dangan bantum pheramene dan kecondorugu udividu semut.

Tordopot dua tahopan utama doran argonema Aco o

- 1. Porn boaturen kondudet sower
- 2. Update koncreme pheromones.
- Pam bankun kondider sowsi

probletos ruto in dipagarmi oven informen prior don parterior production morning made both managements barrenson: Po(4) · Ty non To no. don ny: 1

k: some no-n

Tiss inference festimen HITE (WALLES: BLIGE

- Update Konsontrasi Pharomone

Schoolen Jouh Jamen Joren moner pheromone owen somewin copy manageop. Europoresi pheromone depar delitions all personnes bornur: $\Gamma_{ij}(t) = (1-p) \Gamma_{ii}(t)$.

Unitum Update ni loi Pheromono, fericipih dohuw menglutung milar clato.

Seedong non update photomono depot dihitung dipor someon bornut $T_{ij}(t+1) = T_{ij}(t) + \sum_{k=1}^{n} \Delta_{ij}^{k}(t)$

Algoritma ACO in digunoran unter memocril kan permosoranan sparmen.
Screeki PSO. Jun PSO di prapsessentasiran olangan perturai dan ACO di resperse
Jessium dangan samuti