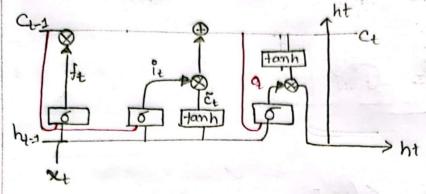


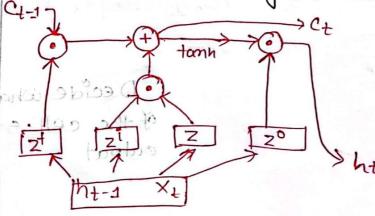
Allows peeping into the memory



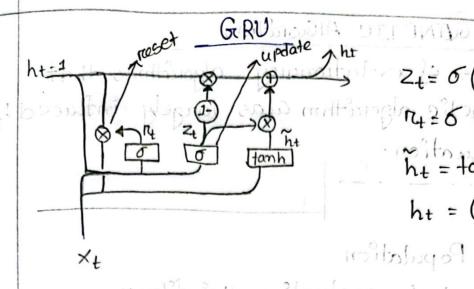
QUILLE 14-7 JERE JUMEGIOJE WIRLS STORES ON BATES ,

h changes taster -> সাব্বৰণ new imput ব সাজ্য just menge মন্ত্ৰ মান্তেছ তথ্য তথ্য state-এ

Changes 6100 -> आद्वा forget Grate निष्ण विष्ण प्राप्त्वमा किंगि इस्त याम विष्णु imput gate पिस्म स्मायहा का अथ्य imfo add यम् अर्थ memory क्रु



 $C_t = z^f \otimes C_{t-1} + z^i \otimes z$ $h_t = z^o \otimes \text{e-tamh}(C_t)$ $y^t = \delta(w'h_t)$



2+= 6 (Wn [ht-1, xi])

The = 6 (Wn [ht-1, xi])

ht = tamh (W[the ht-1, xi])

ht = (1-Zi) * ht-1+Zt*hi

* Update Gate = Forget + imput Grate.

* merge the cell state and hedden state.

* cell state com (C1-1) x inqelto only should

हमहारे विश्वाहल cell state या memory state है। हनारे जारे hedden state - पिहम cell states calculation न्या श्रम यहल complessity निष्ठित छन्छ माग्न

touget क्याहा कार्य meto state-to क्याग्यहान प्रकर्म कि

old who estays ensis ones ones who estas onis estages are sure ones of enter area ones ones ones of enter and enters ones ones of enters ones ones of enters ones ones of enters enters enters ones ones of enters enters

Thes calculations within each iteration known that the ht values being passed along either rectain a high amount of old information or are jump-started with a high amount of new information.

4 It can holds a memory with hidden layer

GENETIC AlGORETHIM

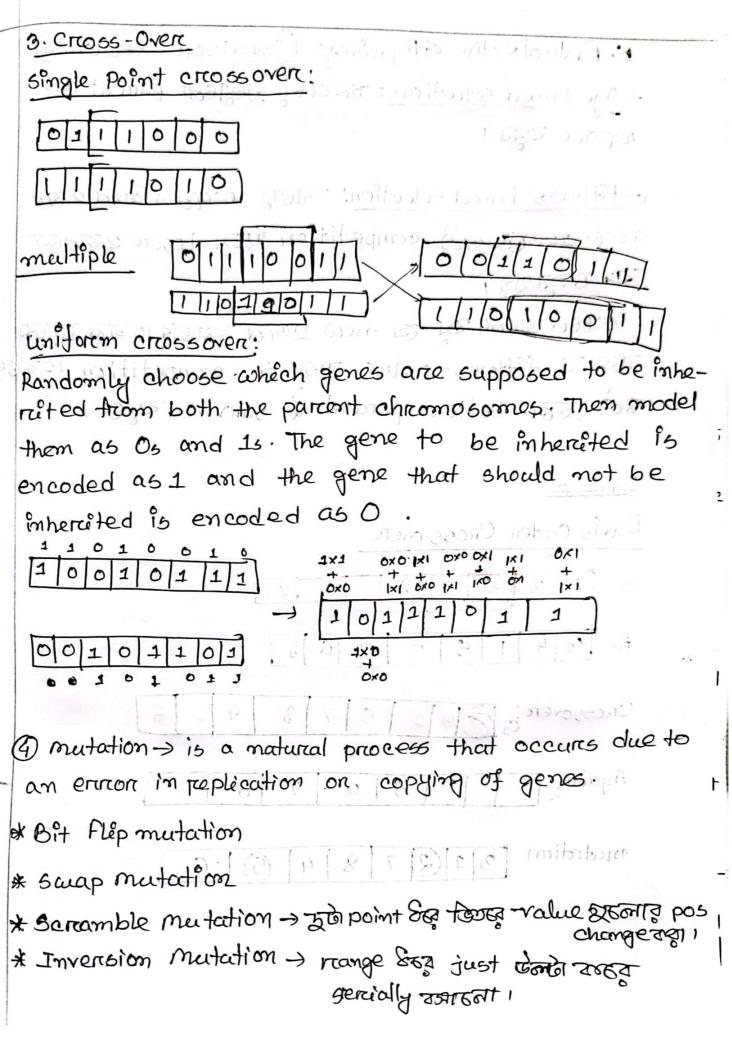
The class of evolutionary algorithms that includes genetic algorithm was largely influced by biological, evaluation.

Algorathm 1)

- 1 . Initialize Population
- 2. select parcents by evaluating their fitness.
- 3. Crossover parcents to reproduce
- 4. mutate the offsprings
- 5. Evaluate the offsprings (survivor selection)
- 6. menge offsprings with the main population and

2. Parcent selection:

- Random selection 10 100 100 topot to the contraction
- Tournament selection > aregards grip enter best one ear new order of the enter best one selection near fittiness in hites selection near sele
- Roulatte wheel selection manupulated Roulatte wheel similar i original
 - बिकिता हार्ने हवयार श्रेटिन आयरहा था। याद्य bropapility vary
 - rapro क्ष्या क्ष्या क्ष्या के गाहते द्रामण्ड value ह्या ब्राहत propapility



	6. Fraluct e the offsprangs (Survivore selection)
	-> Age Based selection: STEEFE SESTEM parcent Gas
	replace क्युव।
	-) Fittmess based selection: जालाइ 10 जाल + क्यांत 2 जात
	ह्मार्छ। 12 प्राप्तुद् मार्छ competition यहम Loser 2 जामहक
	बाप हिप्सा श्रम ।
	एंजाह्य दाह्या की हा यहल उत्यय न्याहरी 10 तथ हमहरू
-21/15]	वास्त्र वा fittmess value क्या 50 competition 12 डाइन्ड
19bor	निका better parcent 2 survive राष्ट्रिक 100 100
63	them as Os and is. The gene to be inherested
9	Doroded as I and the gene that should most
	Davis Order Cross-over
	R1 1 3 5 7 8 4 6 2
<i>*</i> :	R2 3 4 1 5 2 07 6 8 00 1 00 00
1-2	Crossover: 3 1 5 7 8 4 2 6
i i	Again c2 1 3 8 5 2 7 6 4
	mutation 31878456
7 314	STE Dulor Steet & twoodfit - moitstan sidnomine &

