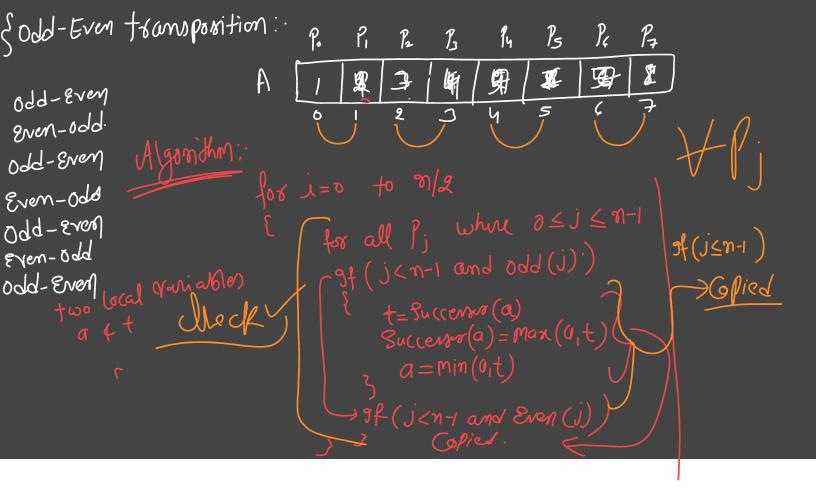
Sporting:

Sporting:

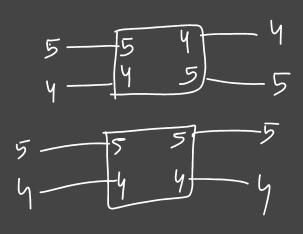
Suick Sort

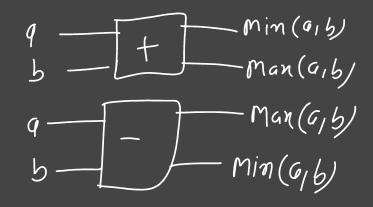
Sing | Sporting | Sporting | Sport |



& Bitonic Maye:

Two numbers are nowted in Comparator.



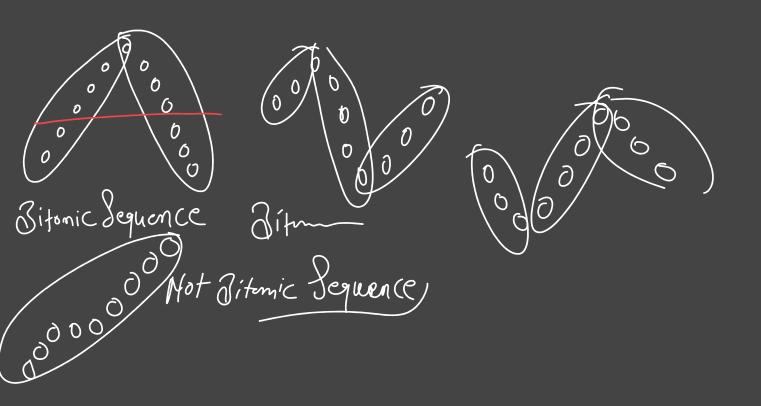


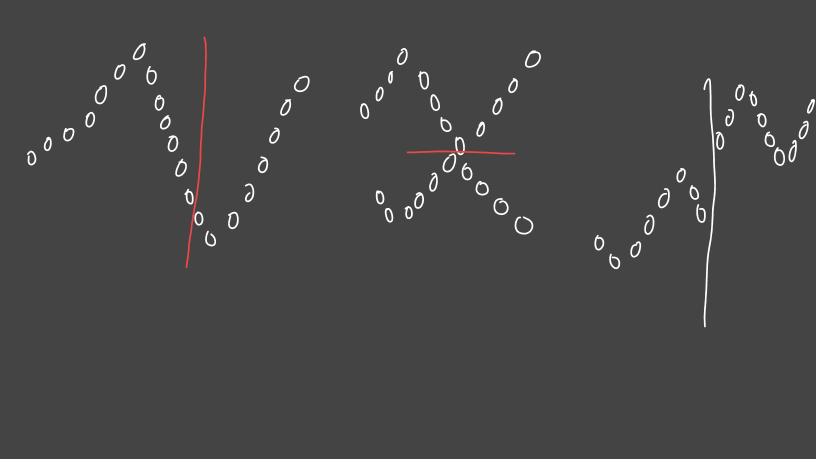
A bitomic Sequence is a sequence of values $G_0, G_1, \ldots, G_{n-1}$, with the property that (1) there exists a sinder i when 0 < i < n-1, the property that (1) there exists a subject of and G_{i+1} to G_{n-1} . Such that G_0 , through G_1 is monotonically exists a Cyclic shift of andices is monotonically decreasing on (2) there exists a Cyclic shift of andices. So that first Condition is satisfied.

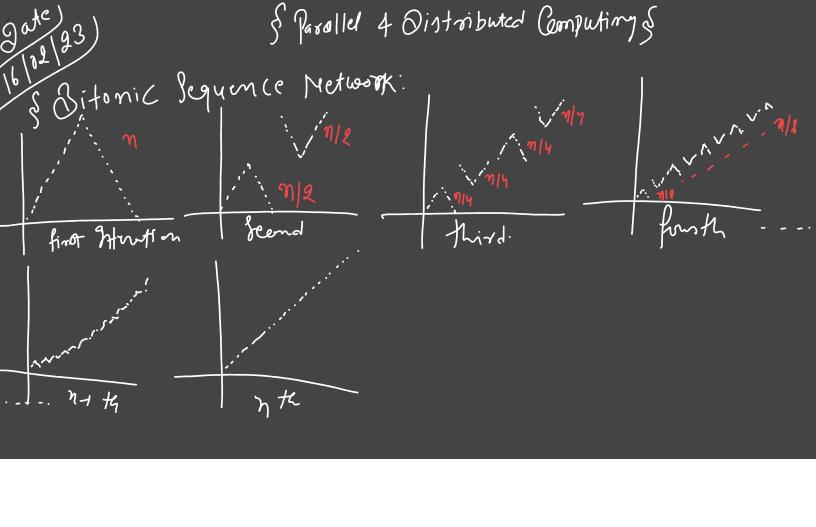
Go that first Condition is satisfied.

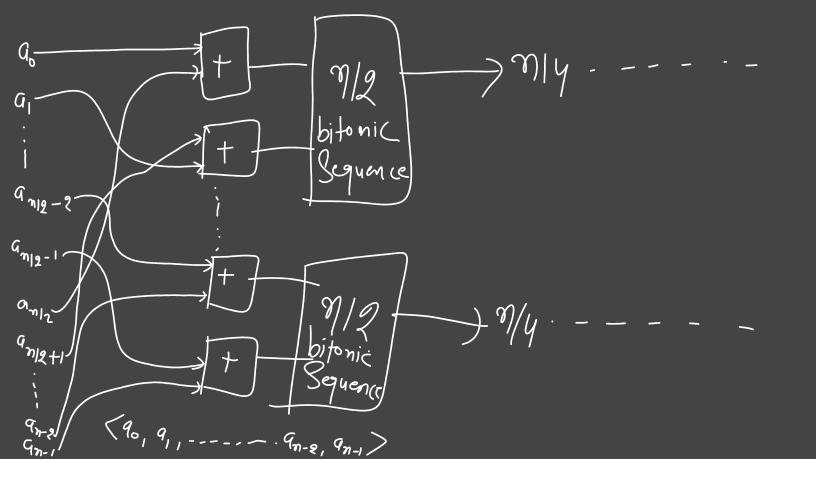
Sufficient to toamsform.

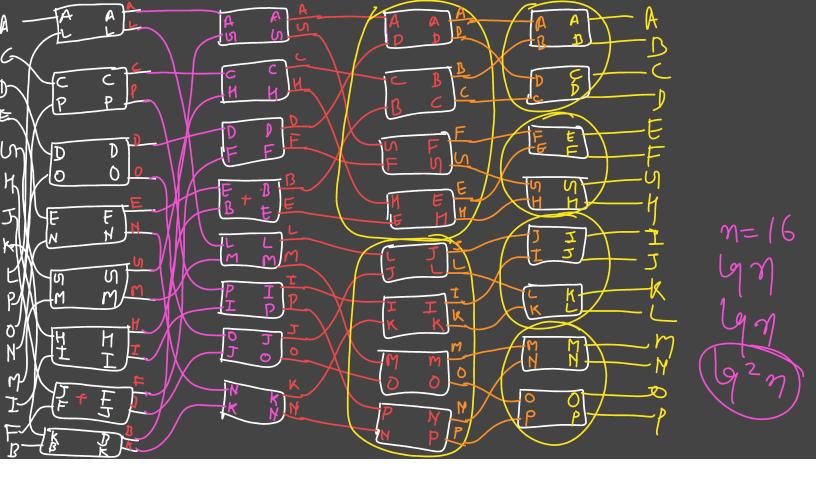
Go in a seven, then G_1 and G_2 and G_3 and G_4 and G_4











& Parallel & Distributed Computing & Bully Algorithm: lest class. King Algorithm: Apprach: This Ayonthm applies the System organized as a ring . In this algorithm we assume that the link blu processes are unidirectioned and every Process Can manage to the 9th stight only · Active link Lets Structure.

Algorithm:

9f process f2 detects a correlation failure, 9t create

9f process f2 detects a correlation failure, 9t create

9 ancient which is Empty. 9t Sends the Election message

10 9th neighbour on right and adds number "1" to 9th

10 9th neighbour on right and adds number "1" to 9th

10 9th neighbour on right and adds number "1" to 9th

10 9th neighbour on right and adds number "1" to 9th

11 out of 10 to 9th

12 out of 10 to 9th

13 out of 10 to 9th

14 out of 10 to 9th

15 out of 10 to 9th

16 out of 10 to 9th

17 out of 10 to 9th

18 out of 1

Example: Ring Algorithm

Process p observed the coordinator shar Crashed.

Process p observed the coordinator shar Crashed.

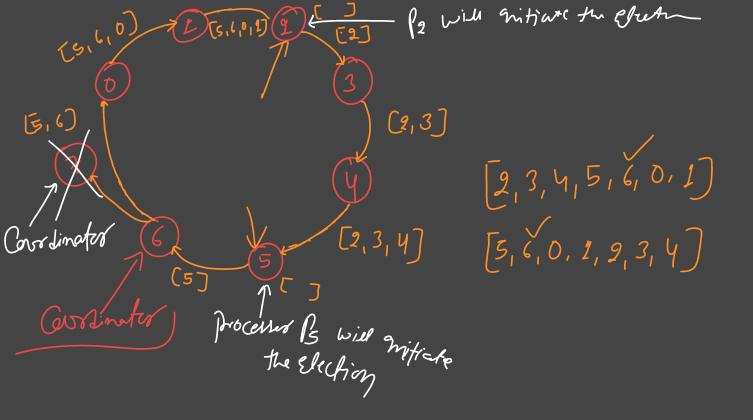
Then It will create an election message which contain off then I will send the message to live Successor.

If will send the message to live Successor.

I will send the message to live Successor.

Each process adds 940 own number and forward to the next.

At a time more than one Elections are pushble.



Sate 23)

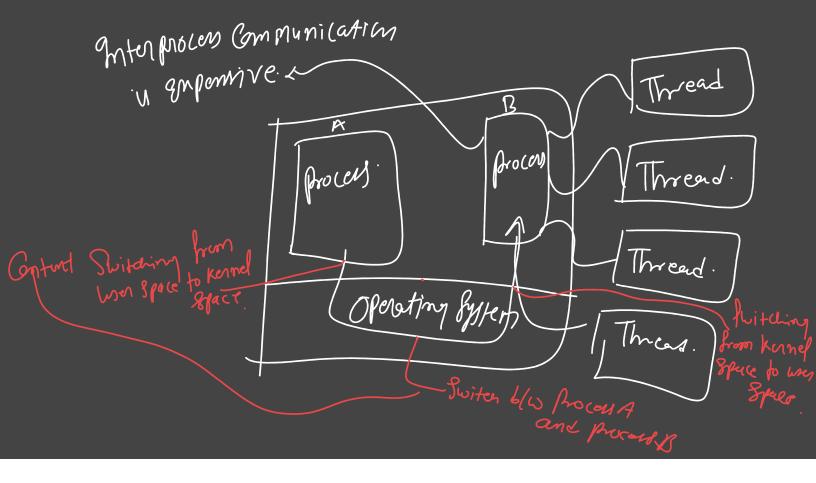
Sprocess of threads on Distributed Emputing &

Process of threads on Distributed Systems.

Process of threads on Distributed Systems.

Process of threads on Distributed Systems.

Stack of program in encution points of the character of the content of t



Thread?

Thread is a light weight process.

Thread is a path of enclution within a process. Thread 2

A thread enclutes 9to own proce of Gode

A thread enclutes 9to own proce of Gode

A thread?

SPI Stock pintus

SPI Stock pintus

Process.

Process.

Process.

Thread : Interplaced Communication is Cheap and 9t is not known report in Share in process.

Thread in thread.

Thread Con write the memory used by another Thread thread.

Thread Con without blocking the System.

Thread without blocking Entire process.

Call without blocking Entire process.

The main Contribution as a thread in Distributed British is that they allow clients and serves to be Bustrucked Process.

Such that local processing Con overlap, monding the high level of process.

