## Preligires 1

Amdhal - iBM 360 - paralelism - preli ordri paralele

Gray 81 - CRAY 1 - previous coloulator vectorical 130M7lops

- CRAY X-MP 840M7lops

- CRAY 2 - ar lute turca per line 26769

- CRAY 3 - 16 pricesource 1567695

Clarifocarea sisteme la colcul

- a) dupa modele de caboul paralel
- 6) tarronoma Flynn: SISB, SIMB, MISB, MIMB
- c) terrorenula Shore
- d) structuzola
- Mas confecte dupà modelul de calcul paralel:
  - 1) Modelul RAM (Paredone Access Marhous)
  - 2) Modelul pypoline
  - 3) Procesoare de vector
  - 4) Britistown de montre (MPP- Marsine Paralel Processing
  - 5) Multiproce nouve du me mo rece partogatà
  - 6) Model PRAM (Parcallel RAM)
  - +) Multiproposite ou trousfir prem musage
  - 8) Modelul prior. statolica
  - 9) Modelul Data Flore

- la revel rent de prelictores

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Traporte un tork T in restament To,.., Tr.

Frecore mestore e attentat rens elem, ale

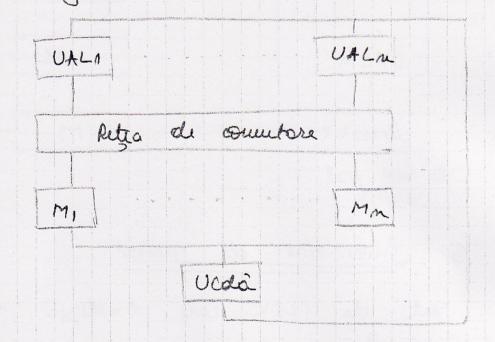
prevenore Poste entre paraleles me la

VALA

Ucde

- cole core rouston d'u muit atentre runtiple supervisse de o soughté munitation de control core efectueus accept op la un moment dot.

- assubriations on SIMB ~ UMA (Unisonal Ulemany Access)



(5) Multiproce room su rumosure partojata

- folcare proce contine proposa undt de
preluctare, men of Ucola

- commucareo se four pretu l'utit mudure
und pater de commitare, en module de
nue mense partojator.

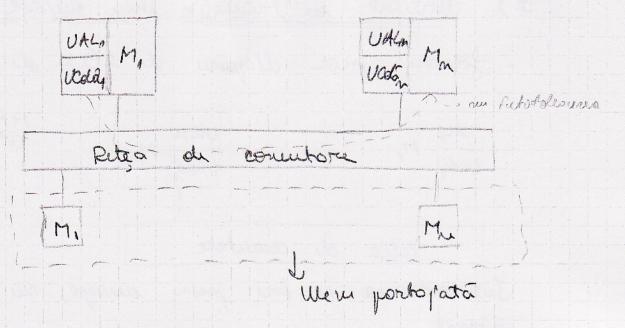
NUMA - Nou Uniform Memory Hours

Petrana de commetore permite abot

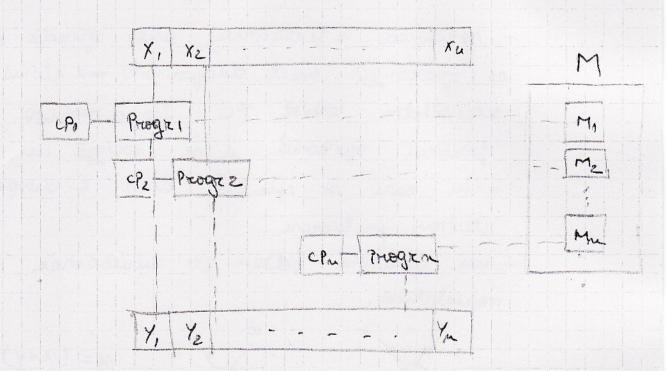
schimbre de l'eformatil (rue se intemple suttoble

cost et accesse la frecore mobbel al mem

partajort,



## Mode Cal FRAM



I rograne le must definite, sons sutra P si m est consideration es se foce simonone, dan recoental de re face la acelaji subavadul de su marire Men. commua est disp. tutoron progre.

Extrá 4 port de doces:

EREW: progr un just accesa stimulton stutten

- ERCW

CREW CRCIXI

+) Modelles su transfire prim nursage - G -- foccore prose de spure de clere de procesore MPI' OPENMP uden Mu brodo, M, Retio de commetore Juli rootuue se foce prem mesage, me acces direct. 9) Irwe parce Date - Flow - specifica e fectuarea una operata ilmand a operandi sunt de spoudre => eliment nece relation enter PC. It a realista accorda, foecerui operand i se assergà un torcen prim core se specifica doca e disposible. plutien prelucione - un massità adrem pt munocorea rowaloteler. M= (n+y) \*(2-1)/m