		DATE:// PAGE:
	101 /1-01 11 18	and the same of the
	for (i=0: 11) { c[i] = A[i] + B[i]	mil a stamas on
	Y Manual American Manual American Manual Man	to so doub when
	0 1 10	A yes businessan
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progr		MET (MUSSEL
	B	printed was at the
111111111111111111111111111111111111111	and the support bellowed also such a so	Hudgers Allowed
	c C	have present
		history beauty
SP	MD: for(i=0:3) (4:7)	(8:11)
Gort		STANDARD ZEM F
parts	A	mano provided VII
div	D. C.	arina gainsaile
	Ma)	no douboursely as
#	Applications : used where there is	massive data processing
,	Vector multiplication, weather forecast	ing, swentific simulation
100 10	total jedodno ram thrown the jud & b	MRI Reculure
#	Advantages	(45)
(i)		to achieving good performs
of b	ne on large seal machines where con	numerication across the
11 h 11 12 h	network is very expunsive.	of mylad carriers
		regard wines with
Lii		ads is fixed throughout
	computation. It is easier for compiler:	
	resulting in more efficient program on	alysis than in other mad
الآن		
	and parallelism is exposed directly to t	he users, Compilers and
	runtime systems require less effort	to implement them any
	other MIMP model.	
	Good Write	

#	Disadvantages
(i)	SPMD is a lat model which makes it difficult to write hierarching
	code such as divide and conquer algorithms as well as programs
	oftenied for himarchical machines.
	de consession
\Rightarrow	MPI (Missage Passing Interface)
	It is an application program interface that dydrus a model of
	parallel computing where each parallel process has its own local
	memory and data must be expecitly shared by passing musages
	between processes.
#	MPI communication functions 1-
(i)	Blocking communication functions
	Blocking communications are routines where the completion of the cay
	is dependent on carboin events.
Ball	MPI_send (void * buy, int went, MPI_Datatype datatype, int dust,
100 110	me tag, MPI comm comm
	MPI Recy (void * by, int count, MPI-Datatype datatype, int
was final	Cource, int tag, MPI Comm comm, MPI Status *
	Status
	For sends, the data must be successfully sent or safely copied to
	the receive buffer.
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