F. Vigor	#PCSEI HS16	31-818-11
General	Threads	HPI
-> setakbuars ch -variant de-modesolkeys		Oben (L. mpice, ppicet
Make file make		
CXX = g + t	Greened France stol: threeol + (fox, ang 1);	
CFL465 = - Wall - 03 -stel=c++M	(and) states thread ([&]() { (lds southing });	
toot : toot	, , , , , , , , , , , , , , , , , , ,	11 - Com- size (APJ. COMM. WORLD, &size);
\$(CXX) \$(CF(467) -0 \$0 \$<	inout #includ (meter)	Crown
		1. The man of the course of th
Clear		MPI Thit (Rame Barray).
rm-f test		int ham.
	mtx. unlock();	MPT Come roak (MPT Copy LIGGER 81.2).
	lock growed stel :: lock growd as tel: maker ((mtx);	if (un == 0) { // rester
		MPI-status status.
	is who cheed when destroyed	
	unique look state: unique bole cotates unifers (linte, now	
	l. unlockly., 1. bokly, Br marral	
		~~
	Example	stairsting toxt = "Bla".
	int uttorcools = 4;	MPT Souch (out cont colour *> (fext. gtr())
	int notes = N/nthroads;	text size 0 to MPI_CHAR 0 42
	-	MPI_COMM. JORLB);
	for (int to) + cuthrods; t++) {	
	threads [t] = thread ([&, t] &	M.T. Fiction Of
	for (int i = +* ustep; i < (47) * witep; i+) {	
	2, 2 (1) = x (1) + g (1);	
	.//>	Open 11P
		Consile gatt - Papermp -stat = C++111
	by (stol: Arcocle +: Arcocls) {	import # include < OMD. 4>
	4. join ();	
		omp-get num. throats () -> #throads

T. Sand	HPCSEI HS16	#516	7-66-0
	-	1: Locality Bugs	
Anotally Law: S(h)= (1-1). P	0	2: Con-unicotion - Throad	: Pay thread id by value not by chance
-	1	3: Computation > SIMD	٠
Gustaffons (au: S(4) = 1-p+4p (west riding)	100	librit by comp freak = f(rx) > SIMD	. Underind behavior by Goding not alloaded newsy
		(int by ORAH -x-x - r. becal = f(r.) -> OMD	inpliet barrier (end of for, all throad, have to tall
Strong scaling, ((4) = 1(4) (4) = 2(4)	On 0.4 1 10 100 1000	7	it. Fix: schiedul (Cynonic) howait
(7)	ا ا	Ldw 7	. Don't updark asynchronous soud baffer
permany *		- Thread	: Not passing all uncled voniobles
Jujon		> Threeol	
and the		> Throd	
		- Thrack,	٠.
* of threads			con realt in deadleda
(A)		1	Ordering needed to provent deadlook
			(replacing with asquediouses words hos)
			0
Udte: Preblensize for			
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o'n Algo			
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Moor line The Late of the Late			
# of Flor			
The followateries .			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
> 6 Flops (4ABD + 2 MUL)			
- Ten Acces:			
+> No co-che: Sread + Aurite = 6			
+ Julyink cold: Aread + Awrite = 6			
- Op. I.t. (Flow			
14 No coche: - 648 = 0.25 Flop/B			
+ I. K. ik Coch : 6 Flogs - 0.25 Flop/B			
Δ γ. γ.			
Nothinal performance			
-> freak = processor clock free - vectorsize, instructors/clock, # was			
-> Speak = manory clock (Sec. chadonick like . #chaunds / 82616/1942)			