## Parallel Programming ch.7

## B08505012 李明軒 工海四

10 - 0 - 0 - 0 - 0 P P P P P P P P P P P	when $\sigma(x) = 0$ , $\kappa(x,p) = 0$ The state $\sigma(x) = 0$ The state $\sigma$	=> p'ets) + per + p'e (e.p) = pers) + per (e.p)  => p'ets) + per (e.p) = pers) + per (e.p)  -> p'ets) + per (e.p) = pers) + per (e.p)	$\frac{\mathcal{E}(n,p) \leq p[\sigma(s) + \frac{R_{so}}{p^{s}} + \kappa(s,p)]}{\mathcal{E}(n,p) \leq \mathcal{E}(s,p)} \qquad \qquad \int_{-\infty}^{\infty} \frac{\sigma(s)}{\sigma(s)} + \frac{R_{so}}{p^{s}} + \kappa(s,p)}{\mathcal{E}(s,p) + \frac{R_{so}}{p^{s}} + \kappa(s,p)} \qquad \qquad \int_{-\infty}^{\infty} \frac{\sigma(s)}{\sigma(s)} + \frac{R_{so}}{p^{s}} + \kappa(s,p)}{\mathcal{E}(s,p)} \qquad \qquad \int_{-\infty}^{\infty} \frac{\sigma(s)}{\sigma(s)} + \frac{R_{so}}{\rho(s)} + \frac{R_{so}}{\rho($	2) 4 1 2 x (king) dominate)  Tom Annudahlis Low:	$\frac{\partial f(x)}{\partial x} \cdot C f(x) > \frac{f(x)}{f_{0}} \cdot C f(x) + C f(x) + \frac{f(x)}{f_{0}} \cdot f(x) + \frac{f(x)}{f_{0}} $	$\beta(n,p) : \frac{T(n,1)}{\sigma(n) \cdot 2^{n} (n \cdot p)} \qquad \qquad (\lceil \frac{n}{p} \rceil^{-1})                                    $
\$\frac{1}{2} \left( \frac{1}{2} \left( \frac{1}{2} \right) \frac{1}{2} \right( \frac{1}{2} \right) \frac{1}{2} \		7.8 9+23/3-16=15.44 9+27/3-10-10-10-10-10-10-10-10-10-10-10-10-10-	$f_{1} (1-1)_{10} = \frac{1}{9}$ $g_{1} = \frac{1}{9}$ $f_{2} (1-1)_{10} = \frac{1}{9}$ $g_{3} = \frac{1}{9}$ $f_{4} (1-1)_{10} = \frac{1}{9}$	97. 50 , f = 0.02 x	φω,	

2.12 No, as problem size increese o(n) and overhead will require more lune to solve the problem => efficiency will decrease as pt 213 a. CP. CP d. CPGF. CPGF b. CPLP. CRP e. CP. C J. P~ P = P~ 1 c cr g. P so over P se > c > f > b > a > d > g