	\	$\mathcal{N}$	. /	4	<u> </u>	1	1	_	<u>) (</u>	- 0 S	9 (	I	V	e \

System	5 E T	SWET	16M
7	710	4,366	124.47
$\mathcal{L}$	665	3.7156	107.74
		( 160° speedup	
	Speedup		

$$01d - perf = 1 \cdot (1+.4+1.4) = 2.8$$

$$New - perf = 1.2 \cdot (.9+.3+1.5) = 3.24$$

.. 
$$80 \text{ W} \rightarrow 64 \text{ W}, \text{ W}_{tot} = 64 + 20 = 84 \text{ W}$$

Assume CPU bound. 
$$\Delta t_s = 24s$$
  
 $\therefore POW = 24.84 = 2016$ 

$$\int_{90}^{10} y \, n_{\text{pow}} = \sqrt{2} \, f \qquad f_{\text{s}} = f_{\text{o}} - f_{\text{o}} \left( \frac{\sqrt{3}}{\sqrt{3}} \right)$$