



E ₄ 3	
f ₂ ;	h logic (h)
fs ;	n^2 $(og_2(n^2))$
13/	f_{i+1}): $f_{a(n)}$ $f_{$
	$\frac{f_2(n)}{f_3(n)} = \lim_{n \to \infty} \frac{M \cdot \log_{10}(n)}{M \cdot \log_{2}(n^2)} = \lim_{n \to \infty} \frac{\log_{10}(n)}{\log_{10}(n^2)} = \lim_{n \to \infty} \frac{1}{\log_{10}(n^2)} = \lim_{n \to \infty} \frac{1}{\log_{10}$
i=3 lim	$\frac{1}{\sqrt{3}} \frac{1}{\sqrt{3}} \frac{1}{\sqrt{3}$
	$f_{ij}(n) = \lim_{n \to \infty} \frac{1}{2} \log_2(n^2) = \lim_{n \to \infty} \frac{1}{2} \log_2(n) = 0$
$fi = \Theta(f)$	(11) does not hold for 1={1,3,43