













$$\left\| \frac{|m-n|}{N}, \frac{|m-n+N|}{N} \right\| \ge \frac{2.5}{f_c} \text{ with } f_c \ge 128,$$

$$e \\ \frac{\#}{BP} - x^* \|_1 \le \frac{4}{\rho} \|w^*\|_2 \le 12 \|w^*\|_2 \left(\frac{N}{f_c}\right)^2.$$