

$$\beta(p)p\mathbf{Appendix\ ??}$$

$$\mathbf{??}$$

$$\beta(p)\delta$$

$$\beta(p)$$

$$f\ll 1$$

$$\beta\colon [0,1]\rightarrow [0,1]\mathbf{Figure\ ??}p(f)\beta^{-1}(\frac{\log(1+S)}{S}+\frac{1}{2}(\frac{\log(1+S)}{S})^2f)ff\leq 1\%p\approx 9.3\%$$

$$(1-p)^{M+1}\ll (1-p)^1p$$

$$fpp$$