Sf
$$gcd(m,b)=1$$
, then b' (mod m) exists.

$$1 = gcd(m,b)$$

$$= m \cdot x + b \cdot y$$

$$\Rightarrow m \cdot x + b \cdot y (mod m) = 1 (mod m)$$

$$\Rightarrow b \cdot y = 1 (mod m)$$

$$\Rightarrow [y = b' (mod m)]$$

$$\Rightarrow [x = b' (mod m)]$$

$$\Rightarrow x^2 + x + 1$$

$$\Rightarrow x^2 + x + 1$$

$$\Rightarrow x^2 + x + 1$$

$$\Rightarrow x +$$