A ∈ Zenxm (uniform) ISIS(n, m,q, RB) represented with A===y Z ∈ Zm { = | 11216 ≤ B3 y E ZZ (uniform) ISIS (n, m, q, RB+8) represented A' (=48)=y' 11 same as above 11 YEE Zm Some Linear Algebra shows A(=+5)= y = A\='+ A\s=\g'=> A='= (\g'-A\s) (y-A'S) and (y) are PPT indistinguishable, then ISIS, me (RB) is equ to ISIS, m, q (RB+8) Notice that &'-A'S= &'- \( \bar{8}, a', -\bar{8}, a'\_2 - \bar{8}, a'\_m Then for m>>n and q Prime LIs uniform A uniform vector minus another uniform vector is uniform.

Therefore both ISIS instances are equalent.