Method: Try to find the correct matrices P, S. - Pick a P and and S - Input into a decryption method - Try again it necessary. Runtime: -How long does I decrypt take, and how possible P, S are there? Overall time = c . (# of key combos) Durypt Computations: C 2. Insert P 2. Multiply Cipher and P' 3. reedsolo.decode (Cipher, t) Non-singular (KxK): # of binary matrices . prob. of nosingle 4. Invent S 5. decode · s-1 2 · 2 possible 2 k row possible 2 k column Number of Perm (nxn): · Comes from vector permutatation 2 binary KXK matrice · So [ n: ] P (2 1) Runtime: C. n! P(2") bis 0 (2 kin!)

Theoretical Broke Force Strategy.