**NIHILIST TRANSPOSITION** (10x10 maximum)

The same key is applied to rows and columns.

Enter the plaintext in square 1 by rows as shown. Transpose columns by key order into square 2. Transpose rows of square 2 by key order into square 3. The ciphertext is taken off by columns or rows from square 3.

**pt:** square needed here

**Key:** 2134

```
1 2 3 4  2 1 3 4  2 1 3 4
1 SQ U A   Q S U A   2 E R N E
2 R E N E   E R N E   1 Q S U A
3 E D E D   D E E D   3 D E E D
4 H E R E   E H R E   4 E H R E
```

Another option for encipherment follows. This method is described by LEDGE in *Novice Notes*. The results are the same for the ciphertext.

Enter the plaintext in square 1 by rows as shown. Transpose columns to numerical order in square 2. Transpose rows of square 2 to numerical key order into square 3. The ciphertext is taken off by columns or rows from square 3.

**pt:** square needed here

**Key:** 2134

```
2 1 3 4  1 2 3 4  1 2 3 4
2 SQ U A   Q S U A   1 E R N E
1 R E N E   E R N E   2 Q S U A
3 E D E D   D E E D   3 D E E D
4 H E R E   E H R E   4 E H R E
```

**C1:** EQDER SEHNU EREAD E. (taken off by columns)

or

**C2:** ERNEQ SUADE EDEHR E. (taken off by rows)