PORTA (period times 10-15 lines deep)

This periodic uses only 13 alphabets. The first half (A-M) is reciprocal with the second half. The position of the second half is determined by a key designation (A,B or C,D, etc.). The keys are used in the keyword which also determines the period. In the A,B alphabet, pt a = CT N, pt b = CT O, pt n = CT A, pt o = CT B, etc. In the C,D alphabet, pt a = CT O, pt o = CT A, etc.

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Keys   A B C D E F G H I J K L M
A,B    N O P Q R S T U V W X Y Z
C,D    O P Q R S T U V W X Y Z N
E,F    P Q R S T U V W X Y Z N O
G,H    Q R S T U V W X Y Z N O P
I,J    R S T U V W X Y Z N O P Q
K,L    S T U V W X Y Z N O P Q R
M,N    T U V W X Y Z N O P Q R S
O,P    U V W X Y Z N O P Q R S T
Q,R    V W X Y Z N O P Q R S T U
S,T    W X Y Z N O P Q R S T U V
U,V    X Y Z N O P Q R S T U V W
W,X    Y Z N O P Q R S T U V W X
Y,Z    Z N O P Q R S T U V W X Y
```

pt: encipherment is reciprocal

Key: PORTA

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K = P O R T A
pt= e n c i p    CT= Y G X R C
    h e r m e        O Y J V R
    n t i s r        G M Q J E
    e c i p r        Y W Q G E
    o c a l          H W V U
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CT: YGXRC OYJVR GMQJE YWQGE HWVU.