Ch 15
StegoStego

** What message is encoded in the following "7-enigma"?

18*987654321-1=17777777777
18* 87654321-1=1577777777
18* 7654321-1=137777777
18* 654321-1=11777777
18* 54321-1= 977777
18* 4321-1= 77777
18* 321-1= 5777
18* 21-1= 377
18* 1-1= 17
18* 4321-1= 77777
18* 432 +1= 7777
18* 43 +3= 777
18* 4 +5= 77
18* 0 +7= 7
18*98765432 +1=1777777777
18*9876543 +3=177777777
18*987654 +5=17777777

18*98765 +7=1777777
18*9876 +9=177777
18*987 +11=17777
18*98 +13=1777
18*9 +15=177
18*0 +17=17

Hint:

18*987654321-1=17777777777=47*378250591
18* 87654321-1=1577777777$_p$
18* 7654321-1=137777777$_p$
18* 654321-1=11777777=11^2*19*47*109
18* 54321-1= 977777=43*22739
18* 4321-1= 77777=7*41*271
18* 321-1= 5777=53*109
18* 21-1= 377=13*29
18* 1-1= 17$_p$
18* 4321-1= 77777=7*41*271
18* 432 +1= 7777=7*11*101
18* 43 +3= 777=3*7*37
18* 4 +5= 77=7*11
18* 0 +7= 7$_p$
18*98765432 +1=1777777777$_p$
18*9876543 +3=177777777=3*31*1911589
18*987654 +5=17777777=283*62819

18*98765 +7=1777777=83*21419
18*9876 +9=177777=3^2*19753
18*987 +11=17777=29*613
18*98 +13=1777$_p$
18*9 +15=177=3*59
18*0 +17=17$_p$
987654321 =3^2*17^2*379721

Source of inspiration

Technische Sammlungen Dresden

http://de.wikipedia.org/wiki/Technische_Sammlungen_Dresden

A visit is well worthwhile.

Is the preceding 7-enigma an isolated solution or the tip of a stego-iceberg?

