IBAN account number format: Validation algorithm

Let the bank account (in IBAN format): **GR1601101250000000012300695**

1. The first four characters “GR16” are moved to the end of the number, so the account number becomes 011012500000000012300695GR16.
2. The letters are translated into numbers, according to the following table, so the account number becomes 011012500000000012300695162716.

Alphabet to numbers translation table.				
A = 10	G = 16	M = 22	S = 28	Y = 34
B = 11	H = 17	N = 23	T = 29	Z = 35
C = 12	I = 18	O = 24	U = 30	
D = 13	J = 19	P = 25	V = 31	
E = 14	K = 20	Q = 26	W = 32	
F = 15	L = 21	R = 27	X = 33	

3. The account number 011012500000000012300695162716 is divided by 97.
4. If the modulo (remainder after the integer division) is 1, then the initial account number is a correct IBAN format; else this is not an IBAN account number.

Warning !

The initial 27-digit IBAN account becomes a 29-digit number. This 29-digit must be divided by 97, otherwise the validation is wrong.
