

011.0X.XDA-1 OXX
 2005.
 NUCLEUS ES. SC. 2005.

so1:

BY THE TIME THE SUN SETS TODAY, I WANT TO HAVE AN EXTRA 100 DOLLARS ON MY ACCOUNT.

For the SIGNAL:

1. Eliminate all vowels

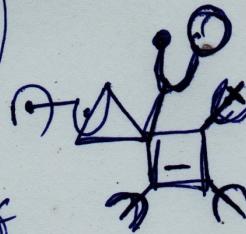
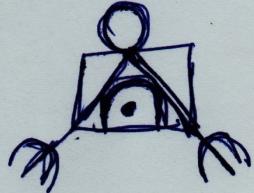
1. Then Compute the modified sequence Statistics of the so1. ~~BY THE TIME THE SUN SETS TODAY~~

i	θ_i	δ	Rank	$w_i = \max_{\theta} (\Pi(\theta)) - i) \times \delta_i$
1	B	1	18	$(19-1) \times 1 = 18 \times 1 = 18$
2	T	3	51	$(19-2) \times 3 = 17 \times 3 = 51$
3	T	9	144	$16 \times 9 = 144$
4	H	3	45	$15 \times 3 = 45$
5	E	6	84	$14 \times 6 = 84$
6	I	2	26	$13 \times 2 = 26$
7	M	2	24	$12 \times 2 = 24$
8	S	4	44	$11 \times 4 = 44$
9	U	2	20	$10 \times 2 = 20$
10	N	5	45	$9 \times 5 = 45$
11	D	2	16	$8 \times 2 = 16$
12	A	7	49	$7 \times 7 = 49$
13	W	1	6	$6 \times 1 = 6$
14	O	6	30	$5 \times 6 = 30$
15	V	1	4	$4 \times 1 = 4$
16	X	1	3	$3 \times 1 = 3$
17	R	2	4	$2 \times 2 = 4$
18	L	2	2	$1 \times 2 = 2$
19	C	2	0	$0 \times 2 = 0$

$$w_i = \max_{\theta} (\Pi(\theta)) - i) \times \delta_i$$

$$\Pi(\theta) = 19.$$

FINAL SIGNAL.



$$\psi(\theta) = \psi_{36}(so1) = TEYANH\$O|MU\text{ }B\text{ }D\text{ }W\text{ }R\text{ }V\text{ }X\text{ }L\text{ }C$$

2. Transform into DIN. $\Delta t = 10\mu s$

$$\text{DIN} = U \Delta X / \Delta t = 0 \cdot X \Delta t / \Delta t = 0$$

3. SIGNALS: Combine \rightarrow Reduce \rightarrow Simplify.