

Compression Code Puzzle 3: A peace code

"Compression algorithms" replace messages with ones that take up less space to store. One simple way is to replace words, or groups of words by numbers. Then use the same number for the same word or group each time it appears.

Can you recover the English version of this variation on a Hindu peace mantra from this compressed version? Repeatedly replace the numbers by what they stand for from the codebook. For example, the number 1 is replaced by ALL, the number 13 is replaced by the numbers 11 12 which themselves can be replaced by other things using the code book.

The mantra (compressed english version):

14 14 12 10 13 8 13 4 13 2 11 7 15 15 15 8

Codebook:

1	-	ALL
2	-	AUSPICIOUSNESS
3	-	BE
4	-	FULFILMENT
5	-	IN
6	-	MAY
7	-	OM
8	-	PEACE
9	-	THERE
10	-	WELL-BEING
11	-	5 1
12	-	6 9 3
13	-	11 12
14	-	7 7 7
15	-	8 8 8

Watch Tina Turner sing a version of it on youtube here

<https://www.youtube.com/watch?v=6XP-f7wPM0A>

Computer Science activities with a sense of fun:

Compression Code Puzzle 3: V1 (10 December 2023)

Puzzle created by Paul Curzon.

Thanks to Shuchi Grover for pointing me at the mantra and Tina Turner version.

Teaching London Computing: <http://teachinglondoncomputing.org>

