

**ambcalc** is a Perl program that calculates various factors relating to Ambisonic files.

**(1, -1)**

*This is an early release for comments, the equations need checking and re-checking line-by-line. Do use. Do enjoy. But do check for any usage that is critical! — Bug reports are more than welcome: [ambsuite@mchapman.com](mailto:ambsuite@mchapman.com) .*

Your request was for:

$$\text{angle} = a = \theta = 1 \text{ radians}$$

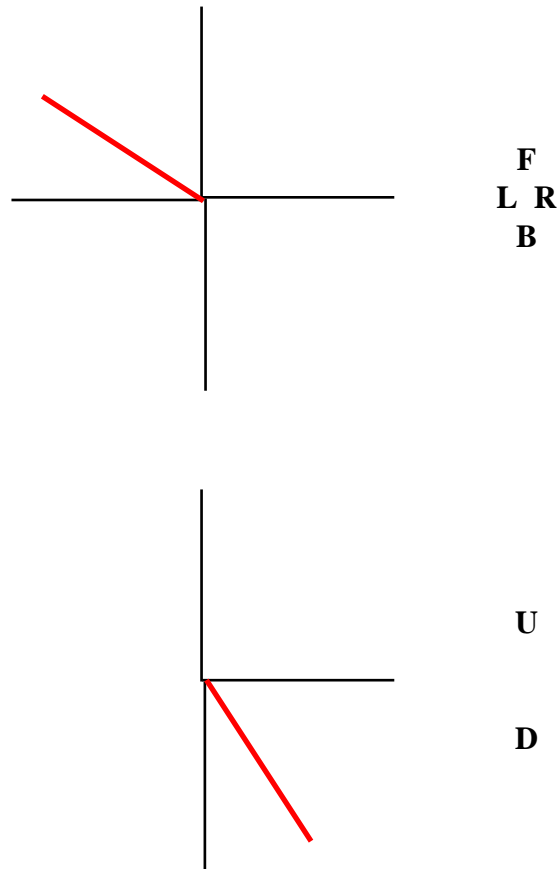
$$\text{elevation} = e (= b) = \phi = -1 \text{ radians}$$

WARNING(S):

You are working in **radians** there is no 'sanity' checking for radian values.

You have 'turned off' Furse-Malham factors.

channel	value
W	1
X	0.292
Y	0.455
Z	<i>-0.841</i>
R	0.562
S	<i>-0.425</i>
T	<i>-0.662</i>
U	<i>-0.105</i>
V	0.23
K	0.227
L	0.454
M	0.707
N	0.198
O	<i>-0.432</i>
P	<i>-0.123</i>
Q	0.018



Tracks in *blue italic* are inverted relative to W.

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