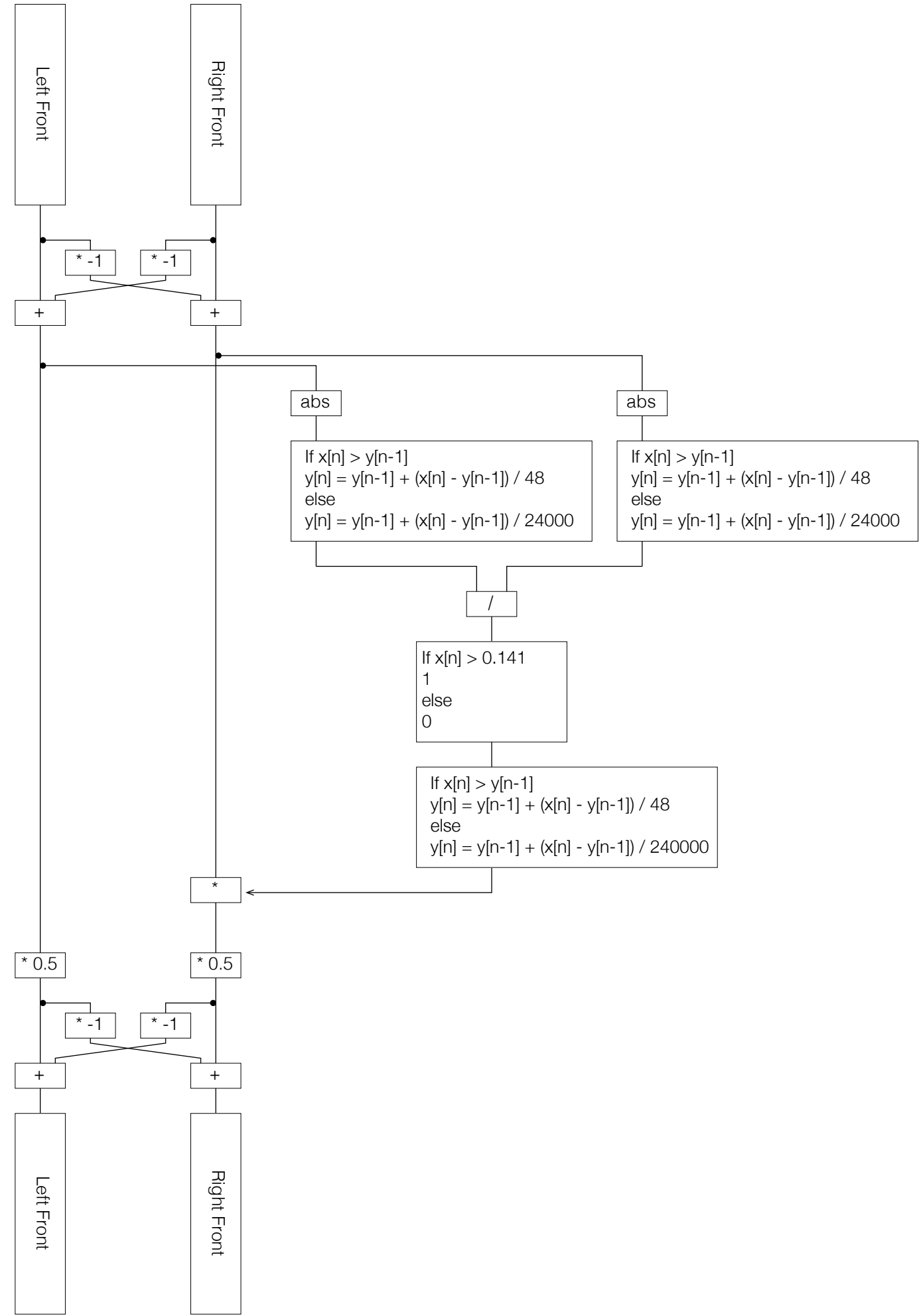


True Image for CA44  
Speech Enhance

2021 11 18  
ggm

Note:  
The purpose of this block is to cover up artefacts in the 2-channel upmixer when fed with mono signals that are encoded with a low-bitrate 2-channel CODEC. The result of this is that all of CODEC artefacts are routed through the TI upmixer into the surround and back channels, thus making them audible.

Implementation Note:  
The actual implementation is slightly different - but the overall behaviour is very similar to the description here.



1 ms up  
500 ms down  
at 48 kHz sampling rate

If the level of the S-component is lower than 17 dB below the M-component then set to 0

1 ms up  
5000 ms down  
at 48 kHz sampling rate