



# PHASE INVERSION

Version 0.1  
Computing  
COMP120

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This algorithm will invert the information within the wavelength, shifting the phases to become the opposite. Given that  $s$  is the audio sample.

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**Algorithm 1** Phase Inversion

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**Ensure:**

```
1: function PHASE INVERSION( $s$ )
2:    $n \leftarrow$  LIST
3:   for  $i = 0, i < \text{len}(s)$  do
4:      $n \leftarrow s_i^{-1}$ 
5:   end for
6:   return  $n$ 
7: end function
```

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