

# **Study on Four Frequencies**

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for Viola and Singing Bowl

Willyn Whiting

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## INSTRUMENTATION

Viola\*

Singing Bowl\*\*

\* String IV must be tuned to C3 -6cents. Deviations from equal temperament are indicated in cents, + or - , above the notes.

\*\* Singing bowl must have prominent partials at 753Hz, 2104Hz, 3827Hz and 4173Hz. X noteheads indicate that the edge of the bowl be struck.

Total Duration 1'

## PROGRAM NOTE

This piece was inspired by the conversations and discussions I've had with fellow composers at the Domaine Forget composition workshop in St. Irénée, QC.



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$\text{♩} = 30$

Viola  $\text{♩} = 30$   
-6C +9C -6C +9C -6C +9C  $\text{3}$

7  $\text{♩} = 30$  *fff*  
-6C  $\text{3}$

Vla. *ppp*

12  
-6C  $\text{5}$  niente +30C  $\text{5}$  *ppp*

S.Bwl. *ppp* *p* *mf* *ff* L.V.

Vla. +30C  $\text{3}$   $\text{5}$

17 *ppp* *p* *mf* *ff* L.V.

S.Bwl. *pp* *ff* L.V.

Vla. +30C  $\text{3}$  +9C +30C +9C +30C +9C

22 *arco* *pp* *ff* L.V.

S.Bwl. *pp* *ff* L.V.

Vla. *ppp* +30C  $\text{3}$  +9C +30C +9C +30C +9C

28 *battuto* *pp* *pppp* L.V.

S.Bwl. *pp* *pppp* L.V.

Vla. +44C  $\text{3}$  -6C