Duet²

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Duet2 was composed as part of my researches into the phenomenon of sum and difference tones, as practised by so-called 'spectral' composers - that is, the additional frequencies which theoretically appear whenever two sounds occur simultaneously, being the result of the sum and difference of the original sounds’ frequencies. The piece includes a ‘resonant’ piano part in an effort to render certain of these frequencies more audible for the listener. The score is transposed.

Microtonal notations:

\[\begin{array}{cccccc}
\text{3/4 tone flat} & \text{1/2 tone flat} & \text{1/4 tone flat} & \text{natural} & \text{1/4 tone sharp} & \text{1/2 tone sharp} & \text{3/4 tone sharp} \\
\end{array}\]

\[\text{Arrow = 3/6 tone below notated pitch (used to represent 7th, 14th, 21st etc partials of the harmonic series)}\]
Duet

Trumpet in B♭

Trombone

Piano

Piano: Depress and hold keys silently throughout
Depress keys slightly early - as the trumpet begins its appogiaturas, to 'catch' the resonance.