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Acoustic Exploration for Prepared Piano

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In this composition, I exploit various acoustic phenomena such as lowering frequency by adding mass to a resonating object, sounding harmonics by dampening a string at its node, and comparing the difference in frequency produced from the harmonic series of a string to the same pitch on the equal temperament of the piano keyboard. While this piece serves as a demonstration of these phenomena, it also uses them within a larger musical context to combine science and art.