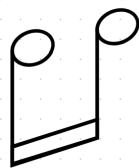


Ethereal Presense

for Cyberinet

Matthew A. Bardin

2023



MaB Music

Program Note:

It is impossible to do anything in a complete vacuum. Others affect you, you affect others. Living with this is part of the human condition.

Performance Notes:

Tempi are all generalized. The performer can perform the piece at any desired tempo. Accelerando and Rallentando should still happen at the indicated places, but the amount can vary. The goal is a uniquely paced performance; no two should be identical.

On Notation:

This score uses largely traditional notation. Fermatas and long rests can be held for any duration. Half rests and shorter should be played in tempo.

Bar lines indicate different sections of the work and do not imply a pause as the rests do.

Niente markings should be performed as quietly as possible while still producing pitch.

Cyberinet Hardware:

This solo requires the use of Cyberinet hardware and software to perform. More information about this equipment can be found at matthewbardin.com

The Cyberinet hardware replaces the mouthpiece and barrel of the performer's Bb clarinet. The internal sensors collect the following performance data: gyroscope location, accelerometer speeds, airflow pressure. This data is transmitted to a nearby computer (approx. 25 feet) via bluetooth to control the software portion.

Software:

The max patch for this composition can be downloaded at matthewbardin.com/Ethereal. The above sensors collect and transmit data to control two synthesizers within the Max environment. The computer running this patch should be connected to an output speaker loud enough to match volume with the Soloist. The first synthesizer generates tones through filtered noise and pitch matching. These produce a textural background. The second produces a variety of tones through FM synthesis and Karplus Strong Synthesis. These tones are intended to accompany the soloist as a secondary voice.

Because the Performer will perform at differing tempi and styles, they will have unique movements to be picked up by the Cyberinet. This will result in an ethereal accompaniment that is unique to every performance.

For the Cyberinet

Matthew A. Bardin (2023)

Slowly. tempo ad lib. ♩ = approx. 50–72

Cyberinet

perinet

pp *p* *f*

A musical score for the song "The Rose Tree". The score is written on a single staff with a treble clef. The melody is in 4/4 time. The key signature has one flat (B-flat). The tempo is marked "Allegretto". The score includes a piano introduction, a main melody, and a piano accompaniment. The piano introduction is marked "ff" (fortissimo) and the piano accompaniment is marked "p" (piano). The main melody is marked "mf" (mezzo-forte). The score includes a key signature change from B-flat to C major for the final section. The score is written in a standard musical notation style with a single staff and a treble clef.

rall.

[illegible]

A

.....a tempo

The image shows a musical score for 'The Swan' by Camille Saint-Saëns. It features a piano introduction and the beginning of the main melody. The score is written for a single melodic line on a grand staff (treble and bass clefs). The tempo is marked 'a tempo'. The dynamics range from *pp* (pianissimo) to *ppp* (pianississimo) and *f* (forte). The key signature is one flat (B-flat major or D minor). The melody begins with a half note G4, followed by a quarter note A4, and then a series of eighth notes: B4, C5, D5, E5, F5, G5, A5, B5, C6, D6, E6, F6, G6, A6, B6, C7, D7, E7, F7, G7, A7, B7, C8, D8, E8, F8, G8, A8, B8, C9, D9, E9, F9, G9, A9, B9, C10, D10, E10, F10, G10, A10, B10, C11, D11, E11, F11, G11, A11, B11, C12, D12, E12, F12, G12, A12, B12, C13, D13, E13, F13, G13, A13, B13, C14, D14, E14, F14, G14, A14, B14, C15, D15, E15, F15, G15, A15, B15, C16, D16, E16, F16, G16, A16, B16, C17, D17, E17, F17, G17, A17, B17, C18, D18, E18, F18, G18, A18, B18, C19, D19, E19, F19, G19, A19, B19, C20, D20, E20, F20, G20, A20, B20, C21, D21, E21, F21, G21, A21, B21, C22, D22, E22, F22, G22, A22, B22, C23, D23, E23, F23, G23, A23, B23, C24, D24, E24, F24, G24, A24, B24, C25, D25, E25, F25, G25, A25, B25, C26, D26, E26, F26, G26, A26, B26, C27, D27, E27, F27, G27, A27, B27, C28, D28, E28, F28, G28, A28, B28, C29, D29, E29, F29, G29, A29, B29, C30, D30, E30, F30, G30, A30, B30, C31, D31, E31, F31, G31, A31, B31, C32, D32, E32, F32, G32, A32, B32, C33, D33, E33, F33, G33, A33, B33, C34, D34, E34, F34, G34, A34, B34, C35, D35, E35, F35, G35, A35, B35, C36, D36, E36, F36, G36, A36, B36, C37, D37, E37, F37, G37, A37, B37, C38, D38, E38, F38, G38, A38, B38, C39, D39, E39, F39, G39, A39, B39, C40, D40, E40, F40, G40, A40, B40, C41, D41, E41, F41, G41, A41, B41, C42, D42, E42, F42, G42, A42, B42, C43, D43, E43, F43, G43, A43, B43, C44, D44, E44, F44, G44, A44, B44, C45, D45, E45, F45, G45, A45, B45, C46, D46, E46, F46, G46, A46, B46, C47, D47, E47, F47, G47, A47, B47, C48, D48, E48, F48, G48, A48, B48, C49, D49, E49, F49, G49, A49, B49, C50, D50, E50, F50, G50, A50, B50, C51, D51, E51, F51, G51, A51, B51, C52, D52, E52, F52, G52, A52, B52, C53, D53, E53, F53, G53, A53, B53, C54, D54, E54, F54, G54, A54, B54, C55, D55, E55, F55, G55, A55, B55, C56, D56, E56, F56, G56, A56, B56, C57, D57, E57, F57, G57, A57, B57, C58, D58, E58, F58, G58, A58, B58, C59, D59, E59, F59, G59, A59, B59, C60, D60, E60, F60, G60, A60, B60, C61, D61, E61, F61, G61, A61, B61, C62, D62, E62, F62, G62, A62, B62, C63, D63, E63, F63, G63, A63, B63, C64, D64, E64, F64, G64, A64, B64, C65, D65, E65, F65, G65, A65, B65, C66, D66, E66, F66, G66, A66, B66, C67, D67, E67, F67, G67, A67, B67, C68, D68, E68, F68, G68, A68, B68, C69, D69, E69, F69, G69, A69, B69, C70, D70, E70, F70, G70, A70, B70, C71, D71, E71, F71, G71, A71, B71, C72, D72, E72, F72, G72, A72, B72, C73, D73, E73, F73, G73, A73, B73, C74, D74, E74, F74, G74, A74, B74, C75, D75, E75, F75, G75, A75, B75, C76, D76, E76, F76, G76, A76, B76, C77, D77, E77, F77, G77, A77, B77, C78, D78, E78, F78, G78, A78, B78, C79, D79, E79, F79, G79, A79, B79, C80, D80, E80, F80, G80, A80, B80, C81, D81, E81, F81, G81, A81, B81, C82, D82, E82, F82, G82, A82, B82, C83, D83, E83, F83, G83, A83, B83, C84, D84, E84, F84, G84, A84, B84, C85, D85, E85, F85, G85, A85, B85, C86, D86, E86, F86, G86, A86, B86, C87, D87, E87, F87, G87, A87, B87, C88, D88, E88, F88, G88, A88, B88, C89, D89, E89, F89, G89, A89, B89, C90, D90, E90, F90, G90, A90, B90, C91, D91, E91, F91, G91, A91, B91, C92, D92, E92, F92, G92, A92, B92, C93, D93, E93, F93, G93, A93, B93, C94, D94, E94, F94, G94, A94, B94, C95, D95, E95, F95, G95, A95, B95, C96, D96, E96, F96, G96, A96, B96, C97, D97, E97, F97, G97, A97, B97, C98, D98, E98, F98, G98, A98, B98, C99, D99, E99, F99, G99, A99, B99, C100, D100, E100, F100, G100, A100, B100, C101, D101, E101, F101, G101, A101, B101, C102, D102, E102, F102, G102, A102, B102, C103, D103, E103, F103, G103, A103, B103, C104, D104, E104, F104, G104, A104, B104, C105, D105, E105, F105, G105, A105, B105, C106, D106, E106, F106, G106, A106, B106, C107, D107, E107, F107, G107, A107, B107, C108, D108, E108, F108, G108, A108, B108, C109, D109, E109, F109, G109, A109, B109, C110, D110, E110, F110, G110, A110, B110, C111, D111, E111, F111, G111, A111, B111, C112, D112, E112, F112, G112, A112, B112, C113, D113, E113, F113, G113, A113, B113, C114, D114, E114, F114, G114, A114, B114, C115, D115, E115, F115, G115, A115, B115, C116, D116, E116, F116, G116, A116, B116, C117, D117, E117, F117, G117, A117, B117, C118, D118, E118, F118, G118, A118, B118, C119, D119, E119, F119, G119, A119, B119, C120, D120, E120, F120, G120, A120, B120, C121, D121, E121, F121, G121, A121, B121, C122, D122, E122, F122, G122, A122, B122, C123, D123, E123, F123, G123, A123, B123, C124, D124, E124, F124, G124, A124, B124, C125, D125, E125, F125, G125, A125, B125, C126, D126, E126, F126, G126, A126, B126, C127, D127, E127, F127, G127, A127, B127, C128, D128, E128, F128, G128, A128, B128, C129, D129, E129, F129, G129, A129, B129, C130, D130, E130, F130, G130, A130, B130, C131, D131, E131, F131, G131, A131, B131, C132, D132, E132, F132, G132, A132, B132, C133, D133, E133, F133, G133, A133, B133, C134, D134, E134, F134, G134, A134, B134, C135, D135, E135, F135, G135, A135, B135, C136, D136, E136, F136, G136, A136

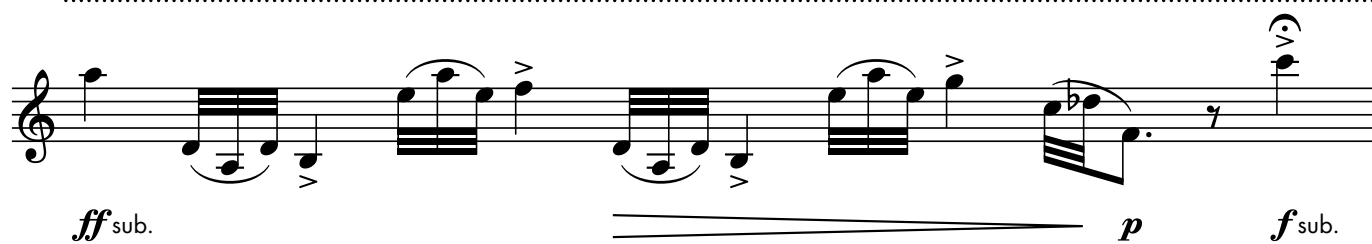
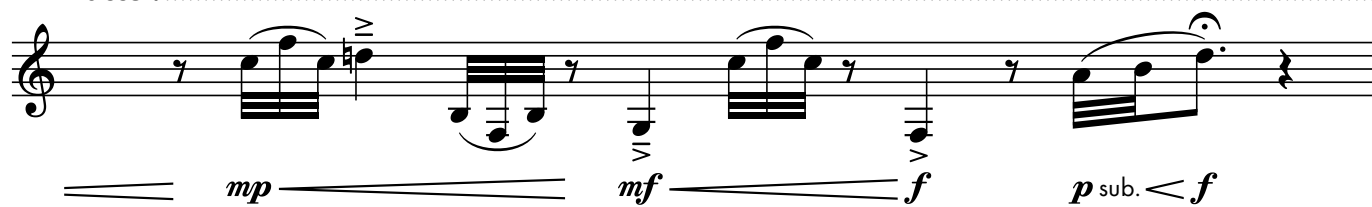
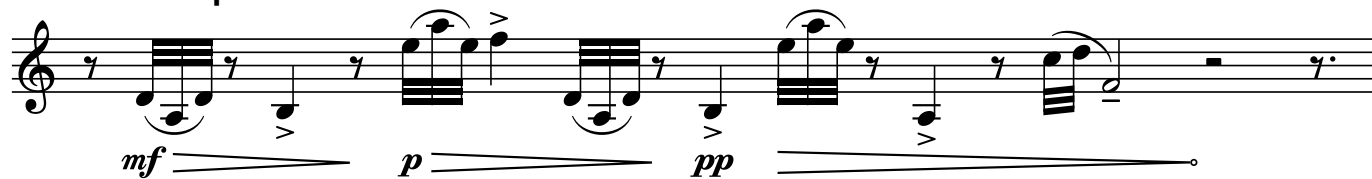
accel. **a tempo**

The musical score is written on a single treble clef staff. It begins with a series of eighth notes ascending, marked *mp*. This is followed by a half note with a sharp sign, marked *ff* with an accent. The tempo marking **accel.** is above the first measure, and **a tempo** is above the final measure. The piece then transitions to a series of eighth notes, marked *ppp*. This is followed by a half note with a sharp sign, marked *f*. The tempo marking **rall.** is above the final measure. The piece concludes with a half note with a sharp sign, marked *ppp*.

B

Section B begins with a half note with a sharp sign, marked *ff*. This is followed by a half note with a sharp sign, marked *ppp*. The tempo marking **rall.** is above the final measure. The piece concludes with a half note with a sharp sign, marked *ff*.

mp **f** **ff**

C **a tempo****accel.**..... **a tempo**

First system of musical notation. The left staff features a melodic line with a slur over a series of eighth notes, starting on a B-flat and ending on a G-sharp. The right staff features a similar melodic line with a slur over a series of eighth notes, starting on a G-sharp and ending on a B-flat. Both staves have a dynamic marking of *pppp* at the beginning and *mp* at the end of the first staff, and *pppp* at the beginning and *p* at the end of the second staff.

Second system of musical notation. The left staff features a melodic line with a slur over a series of eighth notes, starting on a G-sharp and ending on a B-flat. The right staff features a similar melodic line with a slur over a series of eighth notes, starting on a B-flat and ending on a G-sharp. Both staves have a dynamic marking of *pppp* at the beginning and *pp* at the end of the first staff, and *pppp* at the beginning and *p* at the end of the second staff.

Third system of musical notation. The left staff features a melodic line with a slur over a series of eighth notes, starting on a G-sharp and ending on a B-flat. The right staff features a similar melodic line with a slur over a series of eighth notes, starting on a B-flat and ending on a G-sharp. The left staff has a dynamic marking of *f* at the beginning. The right staff has a dynamic marking of *f* at the beginning.

Fourth system of musical notation. The left staff features a melodic line with a slur over a series of eighth notes, starting on a G-sharp and ending on a B-flat. The right staff features a similar melodic line with a slur over a series of eighth notes, starting on a B-flat and ending on a G-sharp. The left staff has a dynamic marking of *mf* at the beginning. The right staff has a dynamic marking of *f* at the beginning. A box labeled **D** is placed above the first staff. The tempo marking *a tempo* is placed above the second staff.

Fifth system of musical notation. The left staff features a melodic line with a slur over a series of eighth notes, starting on a G-sharp and ending on a B-flat. The right staff features a similar melodic line with a slur over a series of eighth notes, starting on a B-flat and ending on a G-sharp. The left staff has a dynamic marking of *ff* at the beginning. The right staff has a dynamic marking of *mf* at the beginning and *p* at the end.

