Rope: An Original Piece for String Orchestra Played Concurrently with Alfred Hitchcock's Film

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ROPE: AN ORIGINAL PIECE FOR STRING ORCHESTRA PLAYED
CONCURRENTLY WITH ALFRED HITCHCOCK’S FILM

By

DOUGLAS W. ESPIE, Master of Music

Presented to the Faculty of the Graduate School of
Stephen F. Austin State University
In Partial Fulfillment
Of the Requirements
For the Degree of
Master of Music

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ABSTRACT

This thesis presents an original piece of music designed to be performed concurrently with Alfred Hitchcock’s *Rope* (1948). The film provides a canvas upon which a musically dominant multimedia experience is built. An accompanying analysis explains the variety of compositional techniques used, explaining their significance and how each deviates from a traditional film score. The objective of this work is to challenge the existing relationship between music and film, and add to the growing body of repertoire of live works featuring synchronized video, modeling example methods of live multimedia performance. In this exploration, the goal was not to be anti-cinematic, but to be extra-cinematic; that is, to go beyond the traditional practices while still employing them when desired.
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CHAPTER 1 – INTRODUCTION

For over a century, filmmakers have used music as a component part to enhance the cinematic experience. Music provides support for silent films, is a focal point in animated musicals, and enhances the storytelling of epic science-fiction. Some film scores are even more recognizable and iconic than the films they represent. While not all filmmakers have neglected the impact music can have in a film, music is usually composed after the film is edited, with the objective of enhancing the filmmakers’ vision.¹

Despite the importance of music to the cinematic experience, this relationship between music and film had gone virtually unchallenged until rather recently. In a film score, music often fulfills a subservient role, enhancing but not dominating the audiovisual relationship. It has become more common for filmmakers to consider music during the filming of a movie, but rarely does the music take a superior role to the visual material, and the combining of existing video footage with live music is a new and developing technique.

¹ Richard Davis, Complete Guide to Film Scoring: The Art and Business of Writing Music for Movies and TV (Boston: Berklee Press, 1999), 77.
There is a much more storied history of combining prerecorded audio with live performance. A line can be traced through Karlheinz Stockhausen, Steve Reich, Alex Shapiro, and Jacob TV, all of whom have become significant names in the realm of electroacoustic art music. Their compositions set a precedent for multimedia musical experiences in a live setting, using prerecorded sounds and dialogue as elements of musical compositions.

There are also a number of composers who have experimented with including video as an aspect of live performance. One example is the piece Up-close by Michel Van der Aa, in which the relationship between the ensemble and film is frequently challenged. Another notable composer is Charles Cornell, whose works take existing videos from the Internet and harmonize them. There are also software resources available for audio-visual performances, such as Muséik, which allow performers to synchronize film in a live setting by manipulating the playback speed of digital files. Despite these innovations in composing and programming, a live performance in which music takes precedence over an entire pre-existing film is, to my knowledge, unprecedented.

The composition within this thesis serves to challenge the relationship between film and music as it is traditionally applied. It is to be played concurrently with Alfred Hitchcock’s film Rope (1948). In order to fully contextualize the relationship between the

2 Michel Van der Aa. Up-close (Boosey & Hawkes, 2010).

composition and the film, a brief synopsis of the film’s plot follows. *Rope* follows a sequence of events immediately subsequent to a murder. Friends Brandon and Phillip strangle their college friend David in what they consider a form of art. While Brandon hopes to make the evening more exciting by inviting several friends to a dinner party in the room with David’s body, Phillip’s lingering regret and fear of suspicion cause tension in their relationship. Brandon’s former mentor, Rupert, notices Phillip’s strange behavior throughout the party, and eventually discovers David’s body.

*Rope* was chosen for two reasons: first, the film contains no score, which allows this piece to be performed alongside the film with its audio intact; and second, as the events of the film occur in real time, all of the character development happens onscreen, which directly influenced compositional techniques. While the role of music in a cinematic experience is dictated by plot and dialogue, this composition at times inverts this relationship, placing musical goals before those of the film. Some compositional techniques employed have their roots in traditional film scoring, while others are influenced by electroacoustic composers.

The composition within this thesis is not intended to serve as a masterwork example of this evolving approach to composition. Rather, it is an experiment echoing recent trends, exploring an ambiguous territory of multimedia presentation. During the viewing experience, there will likely be moments that feel incorrect or uncomfortable for audiences who view this as a film score. There are also bound to be moments in such a large work that are simply ineffective. The experiment itself is the objective, and the
ambiguity of conventional and subversive techniques is intentional. Any discomfort with this approach marks this experiment, at least in part, a success.
Rope - Full Score

Espie

55

finger soap

diss.

69

64

74

75

54

50

weep
Rope - Full Score

Espie

40
CHAPTER 3 – EXEGESIS

Among the unique challenges of writing a multimedia piece for live performers and film, one of the greatest concerns was how to acclimate the audience to a non-cinematic relationship between visual and auditory material. Audiences are accustomed to a clear hierarchical relationship in which music serves the primacy of the visual material – supporting the dramatic needs of the story and staying carefully out of the way of dialogue and sound effects. My vision for this piece, however, was to explore different ways of combining these elements – sometimes placing music above dialogue, and sometimes pursuing musical goals extraneous to the plot of the film. Below, I explore a few of those techniques, including building on and juxtaposing with diegetic music, synchronizing with visual and audio material, utilizing themes and leitmotifs, intentionally convoluting dialogue.

Relationships with Diegetic Music

The diegetic music used in Rope is important to the development of the plot, and therefore requires a number of considerations for the composition process. There are two pieces of music that occur in the film: Francis Poulenc’s Mouvements Perpétuels, Movement I, is played by Phillip at the piano several times; and I’m Looking Over a

"Four Leaf Clover" by The Three Suns plays on the radio. Additionally, the title sequence of the film is a composition by David Buttolph based on the aforementioned Poulenc piece.

In regard to Phillip’s piano playing, this composition does not simply accompany the character, but provides contrast to the content of the piece, such as the overlapping of music in mm. 661-665 (27:20) [Figure 1]. Additionally, as Rupert walks into the room, mm. 666-668 continue the phrase of the Poulenc piece (27:27). A similar interruption occurs as Rupert bothers Phillip at the piano, and the low strings dramatically continue the phrase where Phillip leaves off (45:59) [Figure 2].

---

5 The Three Suns, “I’m Looking Over a Four-Leaf Clover,” track 1 on *I’m Looking Over a Four Leaf Clover*, RCA Vector, 1948, compact disc.

6 First issued on David Buttolph, *Rope – Main Titles*, with The City of Prague Philharmonic, conducted by Paul Bateman, Silva America SSD1045, 1995, compact disc.

7 For clarity, references to points in the musical score will be listed as measures, and references to points in the film will be listed as parenthetical times.
Figure 1 – Music overlapping the diegetic piano in mm. 662-665

Figure 2 – Completing the piano phrase in mm. 1023-1024
This composition is also juxtaposed with the piano playing at times. While a traditional film score might allow the diegetic music to play out on its own, an objective of this composition is to challenge that technique. Phillip’s progressive discomfort among the dinner guests influences his decision to return to the piano several times in the film. Rupert invades this privacy (45:00), first by turning on the light which Phillip refers to as a distraction. The glissandi in mm. 1013-1014 are intended to enhance the invasive nature of Rupert’s distraction [Figure 3]. This also precedes the police siren (45:34) and references the opening of the blinds from earlier in the film (3:57). As Rupert begins to fiddle with the metronome (46:35), symbolic of his growing suspicion, this composition is designed to emphasize the distractive nature of the metronome being set at a different tempo than Phillip’s playing [Figure 4].

![Figure 3 – Contrasting the diegetic piano in mm. 1013-1014](image-url)
Figure 4 – Enhancing the off-tempo metronome beginning in m. 1034

Synchronization Techniques

A number of techniques employed in this composition rely on the synchronization of the string orchestra with the film. Though the synchronization of musical material with dialogue has been explored outside a film setting (such as in the works of Steve Reich and Michel Van der Aa), this technique has not, to my knowledge, been applied to a feature-length film, aside from the now-common practice of professional orchestras performing scores to classic movies live with a click track. This composition also features additional uses of synchronicity with other sounds and visual cues in addition to voices.

\footnote{Such as in the CineConcerts concert series.}
One specific compositional technique that influences several parts of this composition is speech-melody. This technique, famously used by Steve Reich, derives melodic elements from the inflection of the voice.\(^9\) Regarding his piece *Different Trains*, Reich claimed that “the generation of all the musical ideas comes directly, audibly, from the documentary material.”\(^10\) The combination of musical material with the inflection of the voice became a guiding principle for the development of musical ideas in this composition.

An example of speech-melody occurs when Rupert first asks “Where is David?” (29:16), and the inflection of his voice is preceded by the violins leading to synchronicity in m. 707 [Figure 5]. Shortly following this, Rupert refers to Brandon’s stories in prep school, specifically identifying “The Mistletoe Bough,” which is also imitated starting in m. 717 (29:40) [Figure 6].


\(^10\) BBC. Steve Reich’s *Different Trains* (2011).
A similar technique used in this composition is the emphasizing of inflection that does not adhere strictly to the melodic contour of voice. One example begins in m. 129, in which Phillip and Brandon discuss David’s body (5:50) [Figure 7]. Another example is from mm. 614-629, as Janet is speaking with Mr. Kentley about David (25:16) [Figure 8].
This occurs again as Phillip and Brandon discuss the success of the party (54:44) [Figure 9]. In both of these sections, the music is intended to drown out the language by overlapping each of the voices involved in the dialogue.

Figure 7 – Speech-melody mimicking conversation beginning in m. 129
Figure 8 – Speech-melody mimicking conversation beginning in m. 614
Melodic contour, tempi, and time signatures in this composition are often influenced by speech patterns as well. When Brandon says the phrase “tremendously exhilarated,” (8:54) the melodic contour derives from the inflection of the speech (mm. 191-193), and the responsive utterances from Phillip of “Uh,” and “I,” (9:00) provide the tempo of the resulting section [Figure 10]. The phrase “David wasn’t there?” is spoken by Mr. Kentley partway through the film (27:03), and while the violins play in tandem
with this phrase, the pitches are derived from the melodic content of the Poulenc étude [Figure 11]. This melodic figure is present throughout the following section, beginning when Brandon states, “I told you on the phone,” in conversation with Rupert (28:18) [Figure 12].

Figure 10 – Note duration mimicking speech beginning in m. 194

Figure 11 – Speech-melody mimicking the phrase “David wasn’t there?” in m. 658
Other instances of synchronization are influenced by sounds present in the film. For example, when Brandon lights his cigarette (3:35), the click of the lighter coincides with the finger snaps in m. 55 [Figure 13]. The popping of the champagne cork (8:02) coincides with the pizzicato chord in m. 177 [Figure 14]. The rings of the phone and doorbell are used to heighten suspense several times throughout the film, the first of which disrupts of Brandon and Phillip’s conversation, surprising the two characters.
(11:46). The resulting section of music develops from an imitation of the ringing phone, introduced in m. 245 [Figure 15].

Figure 13 – Synchronization of first finger snap with cigarette lighter in m. 55

Figure 14 – Synchronization of final note with popping of champagne cork in m. 177
Some parts of this composition are synchronized with visual material presented in the film. Certain instances are similar to material that may be presented in a traditional film score: mm. 69-73 coincides with the opening of the blinds (3:57); Janet’s entrance cues the beginning of the thematic material in m. 397 (19:07); and the shifting of Rupert’s eyes coincide with the material in mm. 785 and 977 (33:14 and 43:19, respectively). However, there are sections that intentionally synchronize with visual cues that may not be reflected in a traditional score: Brandon exhaling smoke, represented by mm. 58-59 (3:38) [Figure 16]; the revelation of Phillip’s broken glass (23:43); and Phillip’s mute attempt to call for Brandon (44:13).
Theme and Leitmotif

Though the use of thematic material and leitmotif is not a novel practice in the preparation of a film score, these materials as utilized in this composition are derived from a variety of sources. Some represent characters’ personalities and traits, much like a traditional film score, while others derive from characters’ voices.

The Poulenc étude played by Phillip, *Trois Mouvements Perpétuels*, Movement I, serves as his theme in this composition.\(^{11}\) As the film develops, the theme is presented in different ways to represent Phillip’s character development. For example, when he begins to show signs of standing up to Brandon (55:33), the theme is presented in inversion [Figure 17]. Additionally, to represent the significant increase in Phillip’s drunkenness, when the theme is presented in m. 1312, it is accompanied by an unstable rhythm and is intended to be perceived as out of tune (59:36) [Figure 18].

\(^{11}\) Poulenc. *Mouvements Perpétuels.*
Figure 17 – “Phillip” theme inverted in mm. 1218-1221

Figure 18 – “Phillip” theme after his increased drunkenness beginning in m. 1312
Several melodic and rhythmic motifs exist in this composition. The murder motif is presented when Brandon states, “The power to kill can be just as satisfying as the power to create,” (7:18) a phrase that represents his attitude throughout the dinner party [Figure 19]. This motif returns when Rupert is discussing justifiable homicide and Brandon leans in to hear his mentor echo his sentiment (35:06). When Rupert opens the chest to find David’s body, the motif is presented much more forcefully (1:11:28) [Figure 20].

Figure 19 – “Murder” motif in mm. 169-170
Rupert’s vocal inflection directly informs his motif. When he tells Mrs. Wilson he is “just teasing” her, the three-note motif supports his delivery (28:55) [Figure 21]. Several times throughout the next section of the film, his delivery follows this same melodic contour, and this composition imitates the inflection (28:59, 29:10, 29:12). A dramatic occurrence of this motif, combined with the murder motif, takes place just before Rupert reveals his solving of the murder (1:01:12) [Figure 22].
The motif developed from the previously discussed “tremendously exhilarated” quote represents Brandon throughout the composition. An example occurs in m. 847, during which Brandon reveals who he believes to be “privileged to commit murder” (36:15) [Figure 23]. As Mrs. Wilson presents Rupert with a hat that does not fit, and he
turns it over to reveal David’s initials, the introduction to Brandon’s exhilarated theme returns to once again reflect his flirting with detection (54:03).

![Figure 23 – “Exhilarated” motif in m. 847](image)

When Brandon and Phillip are interrupted by the aforementioned phone, the following section introduces three motifs: one represents the rope, which is revealed as the camera pans down and it enters the frame [Figure 24]; one motif represents panic, emphasizing Phillip’s cry for Brandon [Figure 25]; the third represents suspicion, and by extension Mrs. Wilson, the first character to notice the uncharacteristic behaviors of the two murderers [Figure 26].
Figure 24 – “Rope” motif in m. 260

Figure 25 – “Panic” motif leading to m. 270
The rope motif occurs in several places throughout the composition, coinciding with the presence of the murder weapon on screen. The first is when Phillip is observing the chest and notices the rope (12:22). The rope appears again as Brandon uses it to tie up the books for Mr. Kentley (48:27), and once more when Rupert removes the rope from his pocket (1:09:13).

The panic motif occurs when Phillip first shouts for Brandon, and is echoed several times throughout the film (12:19, 12:22). Rupert’s motif integrates with this panic motif when he says the character’s name in question (29:24) [Figure 27]. This motif is repeated alongside Rupert’s monologue, during which he calls the character by name several times (1:12:43).
As Mrs. Wilson finally enters the apartment (13:08), the three-note suspicion motif coincides with her confusion at the behaviors of Brandon and Phillip [Figure 28]. This motif returns when Rupert and Mrs. Wilson have a private discussion (28:48) and when Rupert is questioning Phillip and Brandon, (49:35) [Figure 29]. A more dramatic occurrence of this is presented when Rupert begins to interrogate them leading to the climax of the film (1:02:07) [Figure 30].
Figure 28 – “Suspicion” motif in m. 287 and m. 289

Figure 29 – “Suspicion” motif in mm. 1092-1095
The Janet and Kenneth relationship is significant in the film. Brandon is excited to add an element of danger to the party by encouraging Janet and Kenneth to explore their feelings with David out of the picture. The theme representing this relationship is first introduced when Kenneth arrives at the apartment (17:10) [Figure 31]. It returns when Janet enters the apartment (19:07) [Figure 32]. The full theme begins as the two characters interact (20:10) [Figure 33].

Figure 30 – “Suspicion” motif in mm. 1540-1541
Figure 31 – “Janet and Kenneth” theme in mm. 360-362

Figure 32 – “Janet and Kenneth” theme in mm. 397-404
There are also instances in the composition where themes and motifs of multiple characters overlap. For example, when Brandon and Janet have a private discussion in another room (21:01), Janet’s theme is presented in complex time to echo Brandon’s physical exhaustion after the murder (2:53) [Figure 34]. During Rupert’s conversation with Brandon immediately preceding his revelation that he has solved the murder, the
suspicion motif develops and is eventually overlapped by the “David wasn’t there?” figure in mm. 1399-1402 in the violas (1:02:35) [Figure 35].

Figure 34 – “Janet and Kenneth” theme beginning in m. 478
Intentional Dynamic Discord

A recurring consideration of the relationship between this composition and the accompanying film is the intentionality of dynamic choices. In many cases, the dialogue is enhanced by the music, as is common in a traditional film score. There are also sections of the music intended to stifle the dialogue, directly opposing the objective of a traditional film score. For example, the conversation between Rupert, Janet, and Mrs. Atwater is an extended period of dialogue that does not advance the plot (30:00). This
composition is designed to disregard this conversation, so the performance of the orchestra is neither synchronized nor supportive of the dialogue. Another example is after Rupert reveals the rope to Brandon and Phillip (1:09:15). Here, the emphasis is on the discovery of the murder weapon, and the dialogue is not important to hear. These instances invert the roles of dialogue and music, effectively presenting the video as a supplement to the composition.

There are also moments in the film where the dialogue is essential for the audience to comprehend the plot development. The objective of this composition is to allow these sections of the film to come across clearly. One example of this occurs just after Mr. Kentley expresses his distaste for the subject of murder (37:18). Rupert questions Brandon about his intentions of “do[ing] away with a few inferiors.” The significance of this dialogue, another indication of Rupert’s growing suspicion, requires the composition to get out of the way. Another notable example is Rupert’s monologue after discovering David’s body (1:12:42). This climactic moment sees Rupert revoke his support of justifiable homicide, calling into question the actions of his enthusiastic pupil. While the composition echoes the Brandon motif during this section of the film, it is at a significantly lower dynamic, allowing Rupert’s speech to advance the plot.

It seems inevitable that many audiences will be more comfortable with the conventional scoring approaches I employed, and may feel that things are wrong in moments where music achieves primacy or otherwise disturbs the hierarchical balance of dramatic music. This is, in part, my goal. While the harmonic, stylistic, and rhythmic
language of film has shifted regularly over the decades, the visual-auditory balance of power in film has remained essentially unchallenged for nearly a hundred years. In creating a work with live performers and embracing a less limiting aesthetic, I am pleased that my piece creates something new for which there is essentially no defining genre or repertoire.
BBC. (2011). Steve Reich’s *Different Trains*. 


VITA

After graduating from Groveport-Madison High School, Groveport, Ohio, in 2010, Doug Espie entered Capital University at Bexley, Ohio. He received the degree of Bachelor of Music in Music Education from Capital University in May 2014. During the following four years, he was employed as an instrumental music teacher in Wheelersburg, Ohio. In September 2015, he entered the Graduate School of Boston University, Boston, Massachusetts, and received the degree of Master of Music in Music Education in May 2017. He was employed as an instrumental music teacher in Circleville, Ohio beginning in 2018. In September 2018, he entered Stephen F. Austin State University at Nacogdoches, Texas, and received the degree of Master of Music in Music Theory-Composition in May of 2020.

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This thesis was typed by Douglas W. Espie