

Free Improvisation; Life Expression

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Abstract

This autoethnographic study seeks the value, position and possibilities of free improvisation in the musical field. It explores how embodied knowledge, dialectical exchanges, emotional and intellectual stimulation constructs and reconstructs experiences in various contexts for the free improviser, who is both researcher and actual piano performer. This is done by experiencing and reflecting on the connections and interactions between different aspects and events in free improvisation, seen here as a phenomenon for varied, multiple processes individualized by one's adopted style, culture and character. The research suggests a shift towards a more holistic and integral paradigm for experiencing and understanding music through free improvisation as a process in life.

Visual Abstract

He discovered power when cocooned in his music - through composition, anesthetized by sounds from which he created an alternate world, in which he was God. His financial situation did not stop him from composing on his own. Drawing upon his Western Classical knowledge, he wrote on book after manuscript book, pencil marks smudged from frequent rubbing, tinkering at the piano, keys clogged with rubber leavings, to obtain sounds he wanted (Figure 1).

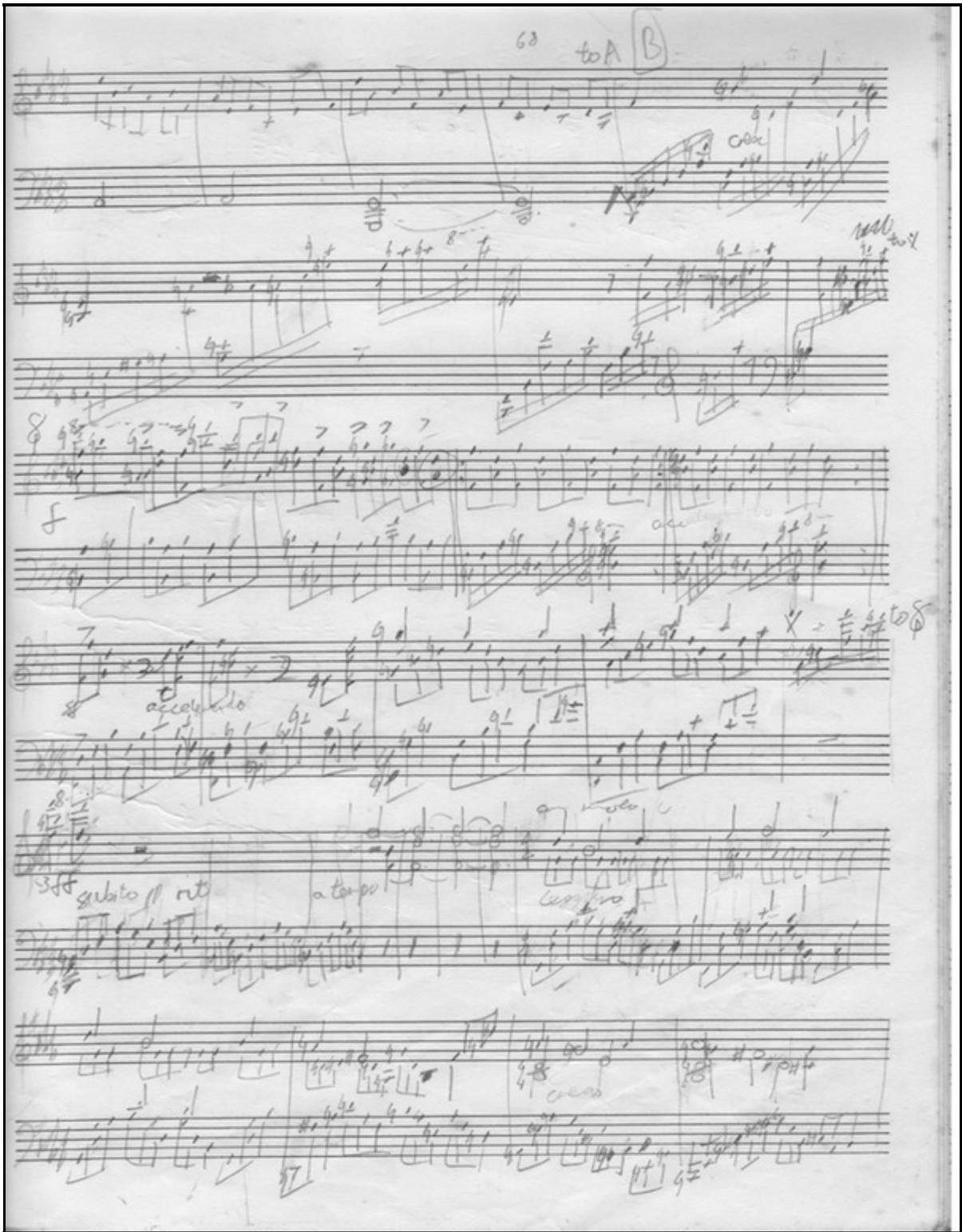


Figure 1. Early exploratory sketches showing strong Western Classical influences.

By then, he knew he could never become one of those great pianists he heard on countless

CDs. He also knew that these countless pianists had recorded countless interpretations of the same old music. And he wanted his own world.

* * *

It was many years later.

He returned home from work, tired and depressed. After pursuing Architecture, he turned to education for a lack of direction. It wasn't the job he really wanted, but he had learnt acceptance. A sense of repression shrouded his being.

He saw his piano, stoic and silent in the corner, and approached it.

In his mind, his world re-emerged.

He began to fiddle, too tired to set his inspirations on paper, and played on. Complexities from his classical grounding did not come across, but he was at ease with the fluidity of the sounds. Whether they were cliché or extraordinary no longer mattered. He began to reflect himself through sounds, neither challenging nor conforming, but simply be. His technique and language grew more complex; his thoughts and emotions flowed increasingly freely with the ebb and flow of the sounds.

He became alive (Figure 2).

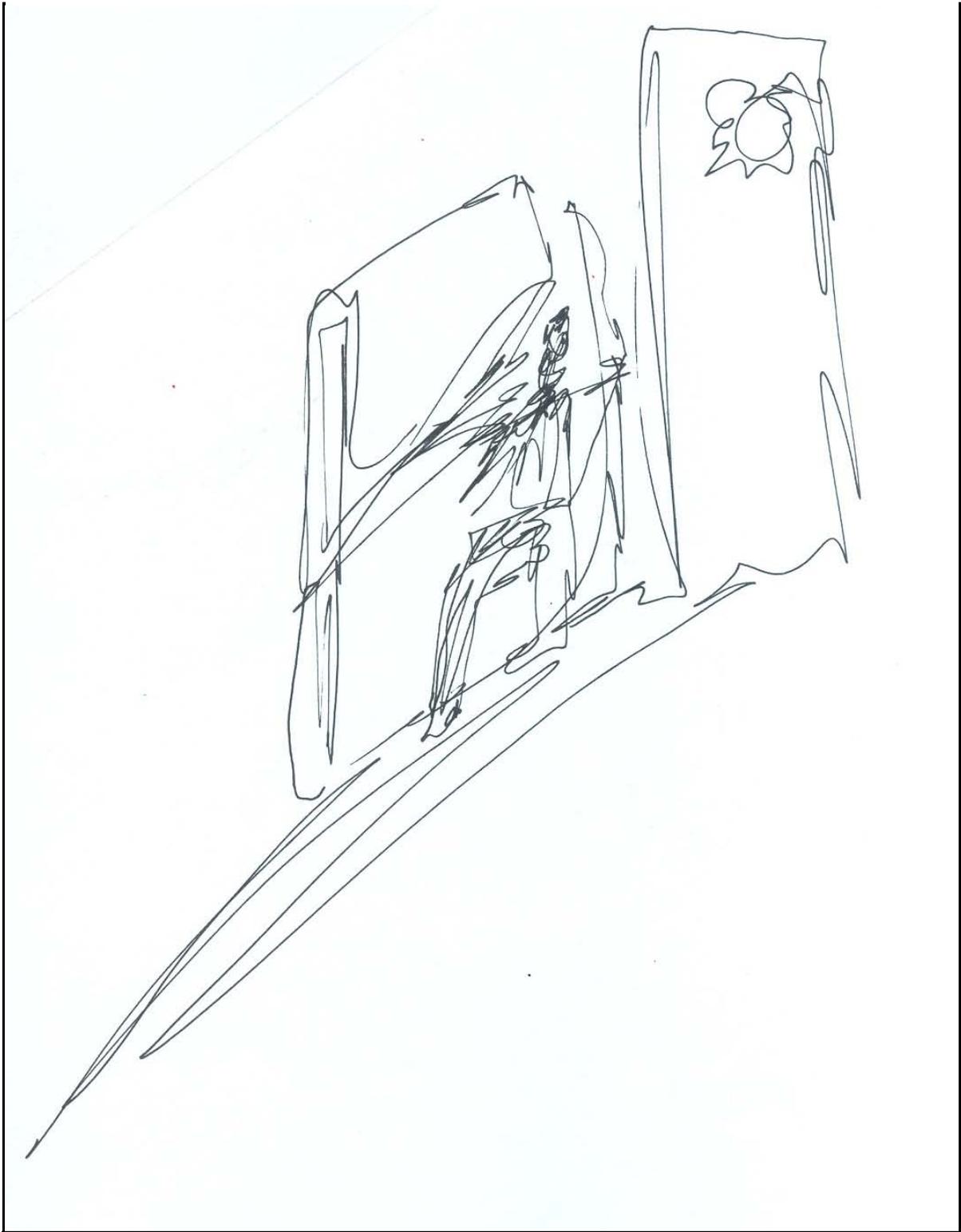


Figure 2. *Improvisation on a line. With a macro idea in my mind, the intuitive takes over for the micro details. In the seemingly mass of 'errors', inaccuracies and auto-corrections through visual feedback, the image is formed.*

Contextualizing Free Improvisation

Settling into my usual rational self, I penned down questions prompted by this recollection of my past: Can there be a use for music within one's personal space and time? Can musicians without the ability or chance to do music professionally discover their own musical expression? Can free improvisation substitute notated music for them to partake in

musical expression, given the fast-paced, consumerist society and the majority population with limited musical training? Can free-improvisation as a practice, by satisfying and reflecting the needs and desires of the performer, be an act of consumerism in itself, making it more in line with the present society?

I sought to first understand what free improvisation is, and is not.

It is neither an offshoot to music creation, a subset of conventional compositional technique nor groundwork to rigidify into written composition. It is also not an un-notated score, system or style already established in the mind, like Jazz, Indian improvisations or African musical performances (Blum, 1998, p. 40). Despite these, free improvisation is not freed from the influences of idiomatic norm, cultures and styles.

It is a diverse collage of idioms and styles crafted using whatever tools, skills, and experiences the improviser may have, changing styles and techniques as he feels the need. It emphasizes on the evaluation of what has happened and how to proceed next, and the behavior of all parties (audience and musicians) involved. It is "without preparation and without consideration, a completely ad-hoc activity, frivolous and inconsequential, lacking in design or method," even though "there is no musical activity which requires greater skill and devotion, preparation, training and commitment" (Bailey, 1992, xii).

The Free Improviser is therefore one who lives through the experience of music making in various contexts, responding to himself and his surroundings in a constant dialogue, the architect who uses stylistic idioms and techniques which he may deploy or discard as he will, and not as prerequisites for music-making.

Free improvisation seems so fundamental to music, and yet never mentioned in my entire Western Classical training. I find this appalling. I was taught to understand the music score, but not in relation to myself? Subsuming in dead men's works was not what I wanted, and explaining that I could reinvent the old was not enough.

Free improvisation is a neglected art that needs to be addressed (Nettl, 1998). This prompted me to begin my journey as a performer and student of free improvisation for this research.

Autoethnographic Approach

Burnard (2007) gave the first inkling of what suited the path of my research: by studying improvisation as a phenomenon through the themes of lived time, lived space, lived body and lived relations. Using autoethnography seems a good approach to study free improvisation, since music is embedded in culture (Hall, 1992), and complements existing research approaches to improvisation, including understanding the system behind the process (e.g. Pressing, 1984, 1988), studying it as a social phenomenon (e.g. Burrows, 2004) and as personal practices of the Other (e.g. Sansom, 2007).

Ellis (2004) describes how one uses narrative to organise experiences into temporal, meaningful episodes, thereby denying the one truth, or approach to why we live as we do. Free improvisation as an experiential process coincides with the autoethnographic reconstruction of embodied experiences situated in complex interactions between the cognitive, bodily, emotional and spiritual.

Rather than seeing autoethnography as "retreating into personal inner subjectivity, it can instead establish and stabilize intersubjectivity" (Roth, 2005, p. 15). The purpose is not to create objective observer-independent knowledge, but to bring about a maximum of intersubjectivity by understanding the Self to understand the Other.

I used autobiographical performances as a means to understand the connections and interactions between and within the 'I', my improvisation, and beyond the 'I', similar to performance ethnography, where performance complements fieldwork to express that which cannot be expressed in texts, as well as reflect on how performance can supplement and critique these texts (Conquergood, 1991). Much like the phenomenological nature of musical experiences, the ethnographic experience in improvising is built around encounter (Porcello, 1998). I hope to shift my journey towards a more holistic and integral paradigm for critiquing and experiencing music - by situating the Self within the experience and engaging it in a situated, evolving and revelatory narrative.

I began my research by performing and recording my performances in various contexts. Performances on my digital piano were audio-recorded and computer-notated using Reason 4 (music arrangement software) via USB connection to my computer. Immediately after, notes were made on the processes, my comments being guided by the existing literature. After this, the audio recordings of the improvisations were replayed, and a second round of notes was annotated on the note maps generated by Reason 4 at specific junctures where my recollection was triggered, to engage in a reflexive dialogue with the music based on the re-evoked experiences. For performances not on the digital piano, observations were made solely from the replay of audio-recorded performances. This is an adaptation of Interpersonal Process Recall (IPR), a method adapted by Sansom in his study on identity within the improvisational practice (Sansom, 2007). In addition, I also wrote observations as reflexive accounts before and after performances that were more narrative, autobiographic and contextualised.

I worked inductively from the data gathered to present findings in traditional categories by first writing summary phrases on significant points, and then letting themes emerge. The themes were later organized into categories, and considered in relation to each other to explore their associations and interactions. Finally, master themes were established, under which related emergent themes were connected together.

To write the final narrative, I listened to the recordings again while reading the transcripts, and reorganised them under master themes. I tried to stay close to the words and their meanings, editing for clarity and flow. I also quoted and if necessary edited extracts to illustrate my points, and overlay the narratives with more traditional analysis and literature reviews to achieve greater clarity and depth of discussion.

A total of 20 improvisations were performed, recorded and studied between August 2009 and February 2010 using a variety of pianos including Nordstage 88 stage piano, Shigeru Kawai SK3, Clavinova CVP-301 and Yamaha C3.

To address the research questions which are rooted in the current value and position of free improvisation, I sought to understand it first by rationalizing the process, and by living it.

Part 1: Understanding the Free Improvisational Process

Preconceptions and Errors

I first looked at the systematic musicological aspect in improvisation, focusing on the concept of free improvisation as something that can be analyzed systematically, independent of specific cultural contexts (Nettl, 1998, p. 2).

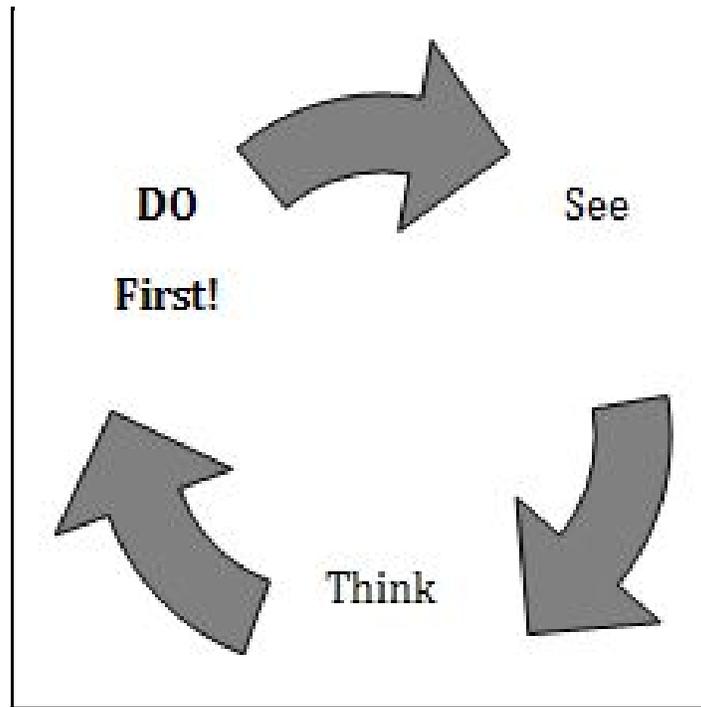


Figure 3. *Do-see-think loop.*

My first improvisational entries bring to mind a method of connecting between my sensibilities and creation in an architectural module I attended in university more than a decade ago.

We had to train our minds not to plan first, but to always react to what was done with the materials in our hands while engaged in the moment, evolving our thoughts with the product in a Do-see-think loop (Figure 3). Though this process is a loop, the process must always begin with 'Do', as opposed to the convention of thinking and planning first. As a result, our building models were fantastical structures that were striking architectural statements. The making sense of it all came after. This model bears similarities to a model by Pressing (1988), who notes that all existing theories in improvisation begin with a three-stage information-processing model, consisting of sensory input, cognitive processing and motor output, which translates to hear, think and play. Using the Do-see-think loop, the sequence will be rearranged as play-hear-think, a practice I prefer to allow greater freedom of expression and moment-to-moment engagement.

This resonates with my experience of limiting preconceived notions that stunt the natural creative flow in free improvisation.

I wonder if I can improvise a piece using primarily repeated notes, and how long I can sustain the pattern before I need to break out of the constraint?

The melody to Shostakovich's Fugue No. 5 in D major surfaced in my mind, and I tried to capture some of its essence. However, the insistence on a repeated motif resulted in irregular rhythm, due to the lack of warming up and technical facility in repeated notes, made all the more clearer as a 'flaw' due to the stringent rhythm and tempo that is the style of this improvisation.

There were few attempts to 'turn the music around' to meld possible errors into part of the evolving music that adjusted to include these possible errors. Instead, the rigidity of the imposed rules seemed to reject anything that does not fit the criteria, without flexibility for irregular elements.

From Improvisation 16
29 Nov 2009

Though useful for practice sessions to expand one's musical versatility, it can impede the flow of self-expression. Improvisers tend to allow their music to dictate its own form as they subconsciously try to create a unique form or to struggle to free the form, as every performance uses a "forward-looking imagination which, while mainly concerned with the moment, will prepare for later possibilities" (Bailey, 1992, p.111). Similarly, I was constantly acting and reacting to the sounds I heard in a moment-to-moment process to determine my next set of decisions, motions and sounds.

In Pressing's (1988) model are feedback loops which allow for error correction and adaptation, so that the discrepancy between intention and actual motor and musical output is narrowed. I tend not to view my performances as erroneous and in a constant need for correction to a rigid intention. Rather, with each sound given voice in space and time, it becomes valid by its very existence, and a development to the next sound.

...errors in playing were not seen as failures or errors, but as stepping-stones to build upon to attain the sounds desired, or when accidental expressions that deviated from my intentions that were delightful became a feature of my playing.

From Improvisation 3
16 Aug 2009

This is closely associated with play and experimentation, discovering through 'accidents', which Hall (1992) exerts is serious business and a means of mastering skills. Improvisation, while playful and experimental, also integrates the development of analytical listening and performance skills. In free improvisation, the urge to discover unique experiences is done with less fear of failure due to its evolutionary nature, as errors become a source for experimentation in an ever-changing landscape, where there are no errors. Imagine what this mindset can mean for budding artistes!

Layers of Consciousness

As we 'Do First', where do we get the notions to begin? What instincts do we follow?

Since we think as we live, it is only a question of whether the thinking and subsequent actions is a conscious effort or relegated to the subconscious, automated level. This basic understanding is evidenced in my improvisations, where referent to an acquired knowledge-base and selection based on culturally-influenced personal preferences determined my playing style and technique. My theoretical learning, stylistic notions and technical practices from the past were relegated to my subconscious, and were executed at an automated, instinctive level based on my imperfect memory, be it short or long-term.

I warmed up on my Shigeru Kawai grand by playing introductory passages from Rachmaninov's Piano Concerto No. 3 and Bach's Prelude and Fugue in C# Major, in anticipation of doing something lighter and faster. Images of passages based on what I had experimented during the warm-up flashed through my mind.

After the sharp sounding, jagged rhythms of the introduction, my fingers ran rapidly and with ease across the keyboard that came naturally due to my warm-up and previous practices. While the exact notes differed, the technical facility and mental images created in this rendition were, to me, similar. And the sound of this improvisation reminded me of the rapid passages that I just played in the Rachmaninov and Bach. Preparation beforehand, through our short-term memory, could serve as a strong factor in determining the improviser's musical language selected. And my musical training served as the reservoir, through the conduit of my long-term memory, from which I could draw from.

*From Improvisation 2
11 Aug 2009*

All my improvisations have references to my training as a pianist and my repertoire of music which are so deeply embedded within me that they are subconsciously executed unless I consciously try to break out of the ingrained patterns. My automated executions are results from such ingrained habits and thinking potentials, and systems evolve to reduce initially complex actions into expedited, automated schemata so that they may be managed at the subconscious level. This releases conscious attention for other purposes, without which my improvisational flow would have been stunted. Reflections on my improvisations reveal shifting levels of consciousness that govern the flow of improvisation through conscious and subconscious actions.

*...wanted a static and bound feel, and played 3 sequences of 4 chords...
...played sudden high chords above monotonous chords, which were intended before I began...
...looking back, I realized I had subconsciously divided the piece into 3 large sections going through their cycles of chord progression...
...decided to play a new section, resulting from my need to break out of the monotony...
...instinctively played a convenient but unique pattern (high descending octaves) not heard in other parts of this improvisation to mark the beginning of the conclusion...*

*From Improvisation 5
30 Aug 2009*

Active, conscious decision-making and execution juxtaposes with subconscious automated action in my improvisational process, my layers of consciousness weaving in and out, as I move between active decisions and automated action. Compared to performances of scored music, I experienced more instances where I relinquished conscious control to the automated. Conscious thoughts are often associated with active decisions that significantly affect the macro direction and flow of my improvisation, whereas subconscious thoughts are related to ingrained habits resulting from past influences, experiences and training that generate the micro details of my improvisation, which suggests the necessity of a certain technical familiarity and musical knowledge base that is culturally and stylistically informed (Pressing, 1998). These automated actions may be derived from short-term or long-term musical referents.

This brings to mind Mvromatis's probabilistic computer model of chant improvisation in

Greek Orthodox church style (Temperley, 2007), which consists of a network of nodes which represents states, connected by transitions between them. When the machine goes through a state, it produces a sound output. To connect to another state, the machine must go through one of the possible transitions which also produce sound outputs, the choices being probability-based and constrained by stylistic notions input into the machine. This idea of nodes where decisions are made, with less-determinate forms in between, is similar to Pressing's idea of time points, where decisions are made about the subsequent actions to be triggered (Pressing, 1988). These key points are not unlike conscious decision points in my improvisation, and the transitions between points resonate with my subconscious, automated playing drawn from past referents.

If one's theoretical learning, stylistic notions and technical practices provide the foundation for the automated aspect of one's free improvisation, can limited exposure and training prevent a person from free improvisation? For this, I return to Bailey (1992) who states that free improvisation is "open to use by almost anyone -- beginners, children and non-musicians. The skill and intellect required is whatever is available. It can be an activity of enormous complexity and sophistication, or the simplest and most direct expression: a lifetime's study and work or a casual dilettante activity. It can appeal to and serve the musical purposes of all kinds of people..." (p. 83-84).

Structuring Sounds in Real Time

Interesting to note how the music is organized intuitively with two major sections A and B. Within each section are minor sections, e.g. the 3 cycles in section A, and within each minor section are small segments e.g. the sequence of 4 chords in a cycle. This suggests inherent organization of the mind that jigsaws whatever motifs and structures that are prepared, or appear when improvising, be they macro or micro, and negotiate them into a coherent whole by making complex hierarchical and heterarchical mental associations.

From Improvisation 5

30 Aug 2009

How do my improvisations develop and change over time? I listened to recorded replays of my improvisations and wrote down observations which were later categorised and grouped according to common themes. From there I listed down changes evidenced in my performances, as I understand them.

Structure and organization - macro sections

Introductory section: a section to set the context of the improvisation, where I may warm up and settle down to the sounds

Main sections: the main bodies of the improvisation

Transitory sections: connection between main sections

Juncture: conclusive section to end a section or the whole improvisation

< b>a section meant to be the highest point in the improvisation

Structure and organization - micro organization (within macro sections)

Elaboration: developing an initial musical phrase by gradually deviating from the initial motif

Contrast: interrupting the existing musical features with new features that are markedly different to create a new segment

Datum: a consistent musical pattern around which more freeform musical motifs arrange themselves

Integration: combining features of two distinct musical motifs

Interrupt: a short, contrasting motif that appears in the midst of a musically consistent section, punctuating it

Juxtaposition: alternating between two distinct musical motifs

Repetition: retaining essentially the same motif

Transformation: retaining certain features of a previous motive and introducing new ones to produce a markedly different musical character

Combination of the above organizations

Each macro section is defined by broad distinct musical features and intentions as I perceived them through playing and recalling my cognitive processes through playback. Micro organizations exist within the macro sections to develop these sections. Of great import is how I strove to evolve sounds over time, guided by micro and macro frame(s). The macro frame, which is formed by conscious decisions, constructs a web of multilevel constraints that serve as guiding principles for the whole piece, though it in itself may evolve in the course of the performance. Micro frames in the form of organization and patterns on the other hand shape the various events within the macro sections during the performance that seem to be triggered at decisive time points.

It brings to mind a reductionist model on the process of solo improvisation by Pressing (1988) consisting of a sequence of musical sections, where within each are musical events called event clusters. In each event cluster are various components that affect the decisions made within. Each component is divided into 'intended', specified at specific time points, and 'actual', which is perceived from sensory feedback. The gap is narrowed between the 'intended' and 'actual' based on subsequent sensory feedback that inform the components of future decisions and actions. Only the schemata for action are triggered at the time points; the exact motor detail is fine-tuned based on feedback processes that occur after each time point. Overlaying the whole decision-making is a general referent to guide the improviser to generate the general behavior during the improvisation. In effect, this referent becomes a template as a basis for the improvisation which one conforms to and breaks away from in performance (Cook, 1990).

My own observations of my improvisations conform, at several levels, to von Emmel's description (2005) on learning to improvise: 1) Connecting with the environment and Self; 2) Staying with a concrete perception and tracking its path (intention); 3) Frame - system or boundary that guides or governs a segment of the music; 4) Evolving - the accumulation and development of minor (micro) frames to form a meta (macro) frame, and 5) Context of the performance. I like how Ruth Zaporah uses the terms 'shift', 'transform' and 'develop' to describe the technical approaches to change - ubiquitous and a constant in life, relevant in improvisation since the act of improvising is a reflection and a semblance of the mechanisms of life (von Emmel, 2005).

Summary

In this landscape of change over *different levels of consciousness*, there is the past that is backward-looking - my *theoretical learning*, *stylistic notions* and *technical practices* that form the basis of my training and preconceptions that result in error perception, and the future that is forward-looking, challenging and evolving my past, where *errors become stepping stones*. These are two forces in constant tension, but lose meaning and definition in the absence of the other. To understand free improvisation is to understand the essentiality of this forward-looking aspect, which is elevated to a position of prominence in the *moment-to-moment* involvement. This aspect may be relatively neglected in other musical practices but is driven to the forefront by the nature of free improvisation, and it is in this forward-moving musical procession, based on a past, that its significance can be found.

Part 2: Living the Free Improvisational Process

Encounters with Myself

The following are extracts from my improvisations alone, selected to show strong connections to my changing life states. Often they were performed when there was a need to express that which cannot be articulated through words as a more immediate link to one's being. They are strategic, intentional, deeply felt forms of performed individual and social activity, and living embodiments of how multiple levels of consciousness and activity synthesize to enact ontological meaning within sounds, within the flow of internal and external time.

A slow, stately solemn gesture for my first improvisation - a marking stone for a beginning.

I struck the first chord in D major for its tonal, open sound, the way I wished my improvisation to be. My right hand began its cantabile singing over chords - as I tried to immerse myself. My hands seemed to move on their own volition, guided by my connectedness to my thoughts, emotions, body, my instrument, my environment. Motivated by my ability to construct my personal sounds and the satisfaction derived, I freed my accompaniment into free form broken chords, so that in its contrasting freedom from the introductory section, I could sing more deeply from the Self. I used the subdominant position frequently in the progressions and cadences to achieve the sense of peace and resolution.

My emotions rose - emotionally expanding and reaching out, and the sounds rose in response. My emotions ebbed, and the sounds receded. I ended in D major, a conforming move for a peaceful, non-confrontational beginning.

Throughout, it felt like I was emotionally tearing, perhaps because it felt like such a real reflection of myself, like a sort of self-recognition. Already, I view this string of improvisations as a journey to accompany my life.

*From Improvisation 1
10 Aug 2009*

An emotionally calm day. Came back home early for lunch and a nap. With this sense of complacency, I returned to my bedroom and turned on my stage piano. I did not wish to challenge the sounds today. Not everything has to be different to have significance.

I began with a simple scale-like melody and common chord accompaniment, and the sense of conformity gave me a sense of well-being. Then I moved on to elaborate with arpeggio-like accompaniment to create more movement, while maintaining the easy-listening style. With my right hand, I sang in cantabile style on the keyboard, sounds lifting and falling with my feelings. Then I plunged into a faster, contrasting section of automated, ostinato bass patterns, feeling more alive as I played. I shortened musical phrases whimsically, as if I was talking with my fingers, much like switching to a new sentence in mid-sentence as a new thought came along. With the return of the scale-like melodic pattern, I

transited back to calmness and ended the way I began, soaked in a calm, comfortable world.

*From Improvisation 4
24 Aug 2009*

The dreary routine of my teaching life, the automated daily motion of blurred thoughts, going on through inertia and semiconscious volition overwhelmed me. I wanted to stretch out, to extend a note of frustration within the daily humdrum that was slowly becoming meaningless.

I began with a slow, dissonant, four-chord motif repeated in sequence for a static, bound feel. The tempo was slow; I spent time listening, feeling and looking at keys I felt best represent my feelings. Within the constricting monotony, I struck the first high chords to demonstrate my frustration and urge to break out of the tedious system. My emotions surged with frustration and my music accelerated. In the grasp of my feelings, my subconscious took over and I smudged the moving bass sounds with heavy pedaling. This mess of sounds fed my confused emotions, so I created more of it to satiate, reinforce and encourage my feelings. I fought to strike high chords into the mass of bass confusion, pitting my mental insistence against the limitations of my technique. I reinstated the chord sequences from the beginning at twice the original speed, building up in intensity and reintroducing the high-chord motif.

The constriction left me, at least momentarily.

*From Improvisation 5
30 Aug 2009*

Being emotionally drained after paying respects to my late father, perhaps the sense of calmness was but self-imposed anesthetic? Perhaps playing and recording Stefanie Sun's Tian Hei Hei these two days, with its nostalgic Hokkien childhood melody, opened the floodgate by recalling my ties to my father's side of the family.

I stared into space as I began, letting my fingers run with their conditioning and training, adapting to and interacting with the keyboard. Tonal sounds from Tian Hei Hei crawled into the introduction as I gravitated towards it to establish my comfort zone. I kept my emotions at bay, and moved with detached thoughts, like a bystander, relying primarily on subconscious automated actions and reactions to feedback, and the whims of passing thoughts.

I rambled, shifting gradually into less tonal realms. Suddenly, I felt the urge to create a great change, and turned the meandering melodies into loud, abrupt, detached chords. I wanted to do that simply to exert my freedom. It felt important to demonstrate that change at that moment, to show that I could, and

to do it. I flowed on from these rough-edged passages to gentler passages of descending scales, reflecting fluctuations of my mood.

I rambled on, and built up to a climax of mainly automated actions to indulge my emotions. The sounds ended abruptly. I spaced out a while more, and then turned off the stage piano.

*From Improvisation 9
26 Sep 2009*

Well-rested and on a whim, I decided to record my improvisation on my Shigeru Kawai grand for the first time. Excited to experiment, I wanted to play something that would please me as well as an imagined audience.

I struck the first few notes, and they drove me on with unexpected force. The depth of the keys' touch produced colorful shades of sounds that blended in pleasant, unexpected ways.

I began with a singsong melody on Alberti bass with impressionistic overtones. Wanting to humour an imaginary audience, I interrupted this with a sudden twist - a fast, abrupt motif. I went on with a musical recitative, to communicate in my language. This monologue I soon broke with staccato motifs, and moved into a catchy ostinato bass pattern, which formed the datum around which other sounds were arranged. In the spirit of fun, I struck a loud bass octave, and it became a musical juncture. Then I broke away briefly from the ostinato for a needed respite, before moving on in perpetual motion, building momentum as my excitement grew. Tension mounting, I accelerated within the boundaries of the ostinato and distorted the metric system. Pent-up by the long buildup and challenging the boundaries further, I struck random note clusters in descending order for sharp clashing sounds.

Finally I overcame the ostinato cage and broke into controlled chaos, letting my fingers dash across the keys in automated fashion to satisfy my adrenaline rush. Propelled by this musical climax, I struck a rapid motif in the high register. Liking the sound and the quick, random yet consistent automated motions of my fingers, I repeated it for emphasis, and directed its controlled randomness toward the climatic end.

*From Improvisation 10
4 Oct 2009*

* * *

In the process of improvising, complex relational dynamics emerged as conscious thoughts - articulated sounds, actions, emotions and thoughts in the performances connected with each other and various other aspects of the performance as I lived within as well as apart from the

event.

I noted how freely improvised music emerges from the inter-relational dynamics of various aspects that are of significance to the process:

1. Mind/Emotions - my thoughts and feelings
2. Body - my fingers, eyes, ears and other physical equipment
3. Instrument - the mechanisms and response of the piano
4. Environment - the acoustics, temperature, noise level and other factors
5. Musical object - the music as the product and entity for interaction

The interactions of these aspects and their dialectical arguments demonstrate how, in living the free improvisational process, dynamics within and between these continua negotiate as I shift between planes of consciousness that are layered over the same timeline. From a lived experience, these aspects of involvement and others connect and correspond in a complex manner, which govern the selection and re-selection of events as well as guide the overall pacing of the piece (Bailey, 1992). This creates perpetual tensions in their complex interactions arising from the priorities and limitations of their individual governing systems, in the process creating the resulting definition to the improvised music. These aspects of involvement are influenced by and congruent with Sansom's six categories of involvement evident in free improvisation in a group setup (Sansom, 2007), which includes a sixth category on the involvement of the partner.

In these experiences, I have inevitably created Situated Music; I have returned music back to a form of daily social interaction with the inner self, a daily cathartic ritual. I have created a Musical Diary, in which each piece of free improvisation is initiated by its Context. With that, I constructed a circle enveloping the five aspects of involvement and labeled it 'Context' (Figure 4).

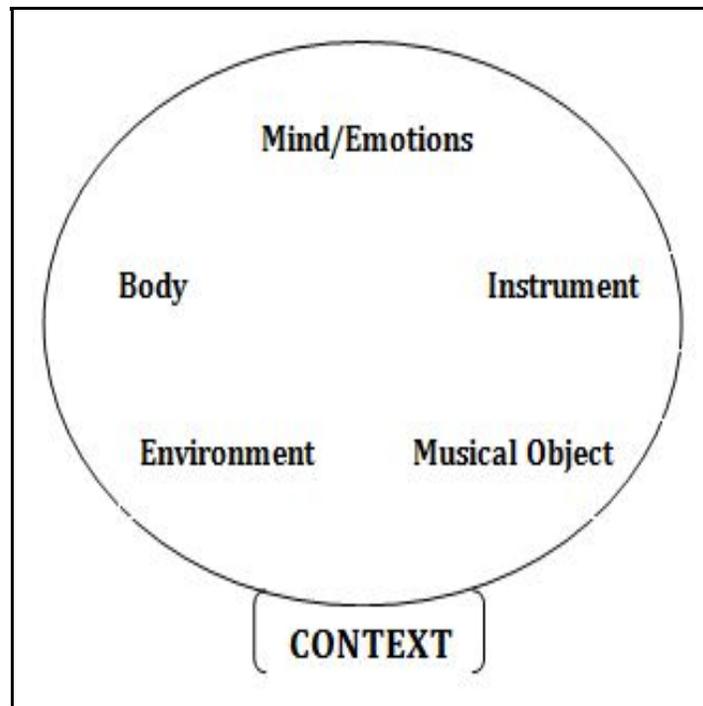


Figure 4: *Aspects of involvement within context*

In this setup where music is situated, the context becomes the overall driving force, where individual analytic interpretive processes are necessary in developing improvisational skills appropriate to the performance context. Such skills might consist of knowing appropriate and

inappropriate performance techniques for a given context, and of acquiring the ability to recognize, distinguish, and deploy the musical possibilities organized in cognitively coded musical patterns acquired through personal exposure and experience (Porcello, 1998).

Contextualized free improvisation promotes the structuring of musical thoughts into one more embedded in daily life rather than one contrived, formalized and indoctrinated. They are emotional, introspective, mundane, virtuosic, intellectual, gruesome, all expressions of the expressive and constructed 'I' of the moment, in transit from the past to the future.

Hence, it is a musical diary for self-indulgence, self-release, self-growth, balancing external realities through inner realities, and mediating life through sounds.

Encounters with Others

Looking at the five aspects again, I put in a sixth category - Audience. Having reached a level of fluency with free improvisation, I felt the urge to reach out to others. I wanted to know what others thought of my improvisation, to find more purposes for it, and to achieve recognition.

Ks arrived at my doorstep in the evening, looking frazzled and impatient. Once my student and now a young man and a good friend, I invited him over to listen to my improvisation.

'What happened?' I asked, sensing his mood, and surreptitiously trying to gauge the angle I should take with my improvisation later.

'I had to work in the morning. Went to the temple with my family in the afternoon. When I was about to come at four, my mum wanted me to drive her around on her errands. Came straight after,' he grumbled.

The last I checked, it was Sunday. No wonder.

'Well, can you listen to my improvisation? It's for my research,' I said with false energy, putting on my teaching voice to attempt control of the situation.

'Just listen right?' he asked, then plopped himself down on a chair next to me at my grand, a jaded look on his face, then heaved an exaggerated sigh, which I ignored.

'So what kind of music would you like to hear?'

'Anything.'

Trying to stay unfazed, I said, 'How about you give me three notes within the reach of a hand.'

'Any notes?' he asked, as if needing instructions for the monumental task of random choosing. He reached out.

F# G# A#

So conservative and systematic, I thought. How can I work with that to suit his tastes and present state of mind within the scope of my acquired and preferred musical language?

Thinking back to his praise of a soothing, atmospheric track from Mushishi, an

anime we shared an appreciation of, I started my 18th improvisation.

I began with a broad, silent sunset in my mind, trying to reach out through the sensitivity of sounds to sooth the Other. A sudden awakening strum was followed by a second weaker and more hesitant one, to appeal through its contrasting vulnerability. Did it work? I began spinning notes established thus far in automated fashion, keeping to the mood and sound palette. Were the sounds becoming too abstract for Ks? If I could not vary my musical parameters as widely due to my audience, I must broaden other parameters, like expression. I ran out of ideas sooner than usual, having to keep to a musical palette I hoped was appealing to Ks. His eyes were closed. Was he bored, in a trance, enjoying himself? I started a new section with a more predictable and faster bass ostinato pattern. Then I broke out of it and tried something new but still within the tone palette. At the end, I recalled the initial motif and emotional state and faded into silence.

I turned off the recorder and turned toward Ks.

'Well?'

'It sounds like Zephyr,' he said, mentioning a piano work I wrote a few years back.

'Does it?' I asked, disagreeing but keeping my tone neutral. 'So is this improvisation what you are looking for?'

'Not really,' he admitted. So I guessed wrong.

Covering my disappointment, I asked, 'Why is that? Doesn't it sound like Mushishi, and doesn't it sooth you?'

'Yeah, but yours sounds less focused whereas Mushishi sounds more to the point and more intriguing. Guess it's also because it's short.'

I was reminded of reading somewhere that improvisation often sounds like pointless rambling. So does jazz sound to me, but isn't rambling part of the point?

'So what is it you are looking for then?'

'Something catchy for my mood. Easier to listen to.'

So my diagnosis was correct - he was pissed, but my prescription had erred. It occurred to me how most of us only begin to know what we prefer after living through an experience from which to establish a basis for comparison.

'Why don't I do another improvisation now, and you see if you prefer it,' I said on the spur of the moment, already mentally arming my arsenal of popular music sounds and patterns, which I find pales in comparison to my full complement of musical knowledge and skills.

Nevertheless, the time and space was not my own now, so I intended to try.

'Ok,' Ks replied, seeming more enthusiastic as his participation became more evident.

As I played, I couldn't help feeling how cliché the sounds were; they reminded me of National Day songs I used to play in school. Regardless, I still enjoyed the effort, technical and emotional, of bringing music to life, so long as Ks enjoyed it. I felt limited by the established language. Added to this was the feeling that I had not created something interesting to listen for. I concentrated again on aspects that I could explore still, such as expression and limited key changes. I found I could make a mistake by deviating from the established style of the music. In expected fashion, I recalled material from the first section to round off the piece.

'Well?' I asked a second time.

'...sounds better to my ears, more rhythmic, but as a piece does not intrigue me. I prefer guitars and drums to piano in general and this piece sounds quite cliché.'

'But didn't you say you want something catchy to listen to?' Quietly I agreed it was cliché, but only because I thought that was what he wanted!

'Yes, but at the same time, it must also have something unique to listen for,' he said reflexively, 'like the first movement of Moonlight sonata, the heavy and tragic feeling.'

Another assumption of mine about his musical tastes dashed.

And why my great attempt to reach out to the other beyond my Self, which had seemed so important to me, to reduce my desires and needs to accommodate one other? And my answer: living this space in this moment together, it just seemed right that any music played should also permeate this shared space, a precious moment of shared experiences and emotions connected by the conduit of sounds as semiotics of emotional thoughts. In my mind, I wondered in such improvisations that are within the frame of established musical language with its appending expectations of audiences well-informed of the style, how much is actually free? How much of the Self is lost? Or do the social expectations of music create a fused style shared by all, creating a greater sense of expression and meaning through shared embodiment and participation?

In comparison to my solo improvisations, I seemed to have lost part of my identity while trying to resonate with the other, and despite attempts to reach out to connect with others, I may never resonate with them as much as the inner resonance I can achieve within myself. The distance is not a physical one, but a mental one brought about by diverse social and cultural experiences.

*From Improvisation 18
20 Dec 2009*

Looking back at this and several encounters with the Other - friends, students and music educators, what seems clear to me are the multilevel interactions and negotiation between performer and audience - the complex, cyclical dialogues that are intangible and yet so tangible in shaping the outcome of free improvisation. The social aspect of improvisation is evident in performances that involve both the Self and the Other. Dialectical hierarchies, perspectives and contexts between performer and audience result in the implicit negotiation of the resulting musical product.

What seems to be a purely intellectual process depends on physical processes such as social interactions, and interactions with objects and symbols, and the physical environment (Vygotsky, 1978). Intellect and physical processes rooted in the external social world in any activity, including music making, are inseparable, as cognition may be shared among individuals through the mediation of objects, tools, symbols, and signs. My audience impacted upon my free improvisation through tangible and intangible cues and my perception of them. In the process, we reached for mutual understanding and compromised.

Engeström, Miettinen, and Punamäki (1999) demonstrated how dialectical relationships among mediational artifacts, stimulus, response, and social interactions may be mapped onto a mediational triangle. Burrows (2004) further proposed a model specifically for music improvisation in an attempt to show the hierarchy of mediations in the musical context, where the improviser in a group performance must react to aural stimuli and contribute while taking into account the group members' contributions. Cognitive distributions occur between musician and instrument, between musicians, between musicians and the music, among others. Contrary to Engeström's mediational triangle where the factors involved are related at the same level, Burrows' model shows the musical object that is being constructed as not just the object of the group activity, but also the mediational artifact central to the activity that mediates interactions among players. It shows the musical exchange between individuals - via mediational artifacts such as instruments and sounds - through the central shared audio space (central mediational artifact), which is like a nexus for distributing cognition (Burrows, 2004, p. 8).

Summary

I concur with Burrows that the musical object is a nexus through which other aspects engage in cyclical, dialectical exchanges. Taking into account the different setup of my improvisational practice, I placed Musical Object in the centre, surrounded by the other aspects. Finally, I constructed a circle to envelope all in Context (Figure 5).

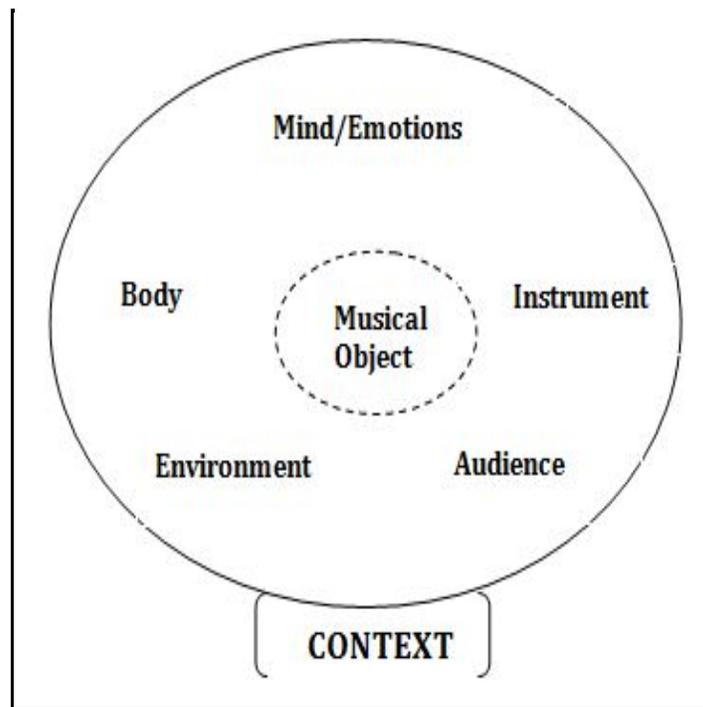


Figure 5: *Aspects of involvement within context, with musical object as nexus.*

The final diagram represents my experience of living the free improvisational process. Within the outer circle is a sea of interactions that involve all aspects, with the musical object placed within the inner circle to describe its position as not just a mediational aspect at the same hierarchical level as other aspects, but also the nexus, result and feedback of interactions.

In this context where I perform with an audience, free improvisation rejects music on a pedestal, where the audience tries to reach out to, understand, and aspire to. Free improvisation in collaboration becomes the potential medium for equal, level exchange, where the audience has a strong influence on and negotiates with the free improviser the outcome of the musical product - the mediatory factor between the two - through shared time and space. Free improvisation, due to its contextual flexibility and mutability, has the very nature to serve as communication. Free improvisation with the Other becomes music to communicate, not to barricade; it becomes the mediator connecting between people.

Summing Up

The Loyalist and the Rebel

HH: Thanks for being a wonderful audience, Mr. Loyalist and Mr. Rebel. I would like your thoughts on my performance.

Loyalist: I would like to begin with the challenge of conventions. There is a lot of crossing over of hands. Why? Shouldn't you keep to the space allocated to each of your hands?

HH: I feel that I need to explore, to find new automated ways of playing that is convenient and effective. By playing around I found this configuration that connects between my Body, Instrument and my Mind. It is a game of expediency.

Rebel: Yes. A reaction against what has always been prescribed allows for new inventions and a sense of moving forward, like how you used the back of your

hand on the black keys to create a new effect.

HH: The backward slide? Yes I was experimenting at home and got a kick out of discovering this, so I modified and used it just now. And I find that too many conceptions prior to improvising may constrict rather than guide my playing. In any case, systems and structures emerge and evolve naturally in the process of free-improvisation.

Loyalist: But you can't possibly play off-the-cuff! You are biased by your social-cultural influences and experiences, which enables you, with the required knowledge and skill, to define your improvisation. I can hear Debussy and Ravel in your playing, to begin with. There's also a particular biting wit found in Prokofiev and Kabalevsky...

HH: No doubt my existing knowledge and skill are very important as staple for my improvisation, and all those technical exercises by Czerny and Hanon certainly created an impact.

Rebel: (Impatiently) Yes, yes, existing knowledge and skill are important, but how do you move on? There is an arsenal of patterns that you call into play each time, but at the same time don't you also try to break new grounds because you don't want to repeat the old?

HH: I agree, but comfort zone is still very important to me. It is within this comfort zone that I try to break out of the system, so that it creates meaning and significance in relation to the rest of the, should I say, more conformist music. This more conformist aspect can also become the basic semantics of communication with an audience with similar musical preferences.

Loyalist: You also feel a sense of responsibility to what you have played before, and try to be consistent as you forge forward.

Rebel: Though you also break out of consistency when things get boring.

HH: Yes. It is often a moment-to-moment decision, where I think about what to do next before I bore myself and the audience. In fact the change aspect is really strong, and I have categorized them according to common features. They include macro sections, within which are micro-organizations such as elaboration, contrast and repetition...

Loyalist: Which are based on your existing practices...

Rebel: ...that evolve over time.

Loyalist: (Waving it off) Regardless, within the improvisation you just performed is a style that is clearly homogenous in terms of tonality, rhythmic patterns, textures and structure. It demonstrates strongly your need for conformity.

Rebel: But within this perceived homogeneity are also changes in sound patterns. For example, you moved from mid to high range because you want to break out of existing patterns, without which the music cannot proceed...

Loyalist: But it still falls within the framework of homogeneity...

HH: Yes, there is constant tension between conformity and change, to break barriers and yet remain relevant.

Rebel: So is there a lot of experimentation and finding out how it will finally sound? By doing something where there is no precedence for comparison, there are no mistakes. It boosts your confidence for creativity.

Loyalist: Or figuring out how it'd sound, knowing it would sound good, and executing it? While you can make mistakes following a prescribed style, you usually achieve what you intend to. It boosts confidence in your capability.

HH: Can I then strike a balance between the two, so that I can have both creativity and capability? In the final balance, perhaps there are mistakes, but these mistakes will be seen as opportunities to create new grounds. But that which is experimental and new soon becomes established and old, and something newer needs to come along. It is the constant regenerative nature of free improvisation. Therefore the two of you are not that different. (Loyalist and Rebel look repulsed.)

HH: But other than being rather organized by nature, the homogeneity you mentioned earlier regarding my playing reflected my thoughts and emotions in that moment. It may not be so in other Contexts.

Rebel: (Knowingly) Ah. So rather than conforming, you are articulating your Self in that moment. You are expressing yourself? There is more than one you?

HH: I suppose. I improvised in this style because I know you have Western Classical background. I reacted to the audience. It was a conscious decision before I started, and also because of my own Western Classical background.

Rebel: So you would improvise differently if we had long hair and wore skinny jeans?

HH: (Laughs) I can only say that preconceived notions of my audience affected the resulting improvisation, certainly more so if they indicate their musical preferences verbally, though their perceived reactions during the performance also affected me. For instance, I ended up playing something very easy-listening for a frustrated friend with no formal music training, and something fast-changing for my students in their teens.

Loyalist: So you conformed to Other's needs.

Rebel: But you also defied Other's needs to create some space for your own expression.

HH: I did both. I compromised. In the process, I mediated between myself and the audience within shared space and time. I think that the impact of the audience is proportionate to the extent of preconceived disparity between me and them at the moment of performance. If my listeners were five-year-olds, my improvisation would be very different, and I would constantly check their responses to determine their engagement. It all boils down to Context. It becomes less of self-expression, and more of shared-expression.

Rebel: Let's talk more about the expression of the Self. By expanding your musical playground, being part of this process of discovery, whether alone or in

social settings, is it also not therapeutic, because it allows you to break out of a cage of established practices and explore new places?

HH: Of course, and associated with this is the idea of releasing oneself through performance arts.

Loyalist: (Grumpily) Let's not forget that in order to break out of this cage to enjoy freedom and expression, you need to have the cage first.

HH: And all automated aspects of my playing came about from these systems, schemas, or if you like, cages of patterns developed from traditional practices. It is the existence of automation that releases the focus of my consciousness for self-expression.

Rebel: (Impatiently) But with all your well-established automations, do you not feel that your improvisation has reached some kind of stasis?

HH: (Hesitantly) This question is related to the static way of my life now. I do feel that I have reached a stasis, and may remain so until I venture to gain new perspective and experiences. But in life we form a cage, break out of the cage, go into a new cage, and then break out of it again. So is there stasis?

Loyalist: (Wisely) Most people prefer one cage. It is very safe.

Rebel: (Annoyed) Back to self-expression, is there not an element of catharsis? Because of the physiological element in the physical act of performance, do you feel release from daily tensions?

HH: I do. When I am down or frustrated, one avenue I would take to mediate my mental state is free improvisation. That does not mean that I will bang on the piano if I am frustrated or play gloomily if I am sad. In both cases, I may play calming music or whatever else it takes to make me feel better at the end. This is easy to do given the mutability and flexibility of free improvisation. This is also what I mean by mediating my Self through sounds.

Loyalist: In other words, there is no direct correlation between music and state of mind. So you agree that the cathartic effect of music is brought about through the integration of the cognitive, affective, psychomotor, and...

HH: I call these categories the six aspects of involvement, and when they come together to interact to define my improvisation through tension caused by conflicts and subsequent compromises between my Rebel and Loyalist tendencies, I call it Immersion.

Loyalist and Rebel: But these conflicts and compromises as a result of us is a part of daily life, is it not?

HH: Therefore free improvisation can be seen as snapshots of life.

(Based on actual discussion with Drs Eugene Dairianathan, Kelly Tang, Lum Hoo and Peter Stead after my free improvisation performance at the National Institute of Education, Singapore)

*From Post Improvisation 19
17 Feb 2010*

Free Improvisation as Musical Living

Through the multilevel experience of actively encountering and participating in a musical process that creates perpetual tensions and resolutions - through dialectical arguments between distinct aspects engaged in Loyalist and Rebel instincts - the meaning of free improvisation is found. The sense of dynamic, interactive involvement within the validity of the experience constructs a kind of musical meaning that is experienced through the continuous, cyclical process of self-construction and representation through the ongoing restructuring, definition, and representation of identity. In other words, one's identity and self-definition is negotiated within the dialectical phenomena of free improvisation, through which ontological meaning is experienced within its transformational potential (Sansom, 2007). From this perspective, meaning is not created from the result of a practice's existing, underlying structural relations, but in overcoming tensions and conflicts arising from the constraints that are imposed upon the performer's awareness. Meaning is found in conforming to these constraints that represent the 'existing order' of things while at the same time challenging them in the attempt to subvert that order. By exploring and experimenting within the governing order or restraint of improvisation through interaction between the Self and the various aspects in a given context, one's identity is defined.

Napier (2006) sees this tension as arising from the demands of reproducing inherited models of expression on one hand, the need to reflect contemporary subjectivity on the other, and yet retain continuity from the former models. It requires re-representation of previously acquired templates, and its value may be understood with reference to a specific intellectual and artistic social-cultural angle. Therefore, although a performance is important, but the journey before that performance as much so, for the meaning it creates in a particular performance is the culmination of a long period of ongoing creative and personal development for the free improviser. Free improvisation is therefore an ethnographic musical journey, where meaning can be found in its evolutionary and revolutionary quality that comes with change. Bulow's Impressions after an Improvisation succinctly summarizes the notion of free improvisation as a cyclical process searching for ontological meaning - "Searching for oneness in an endless circle" (Bulow, 1981-1982).

In a final move, I constructed a diagram to sum up my experience with free improvisation (Figure 6).

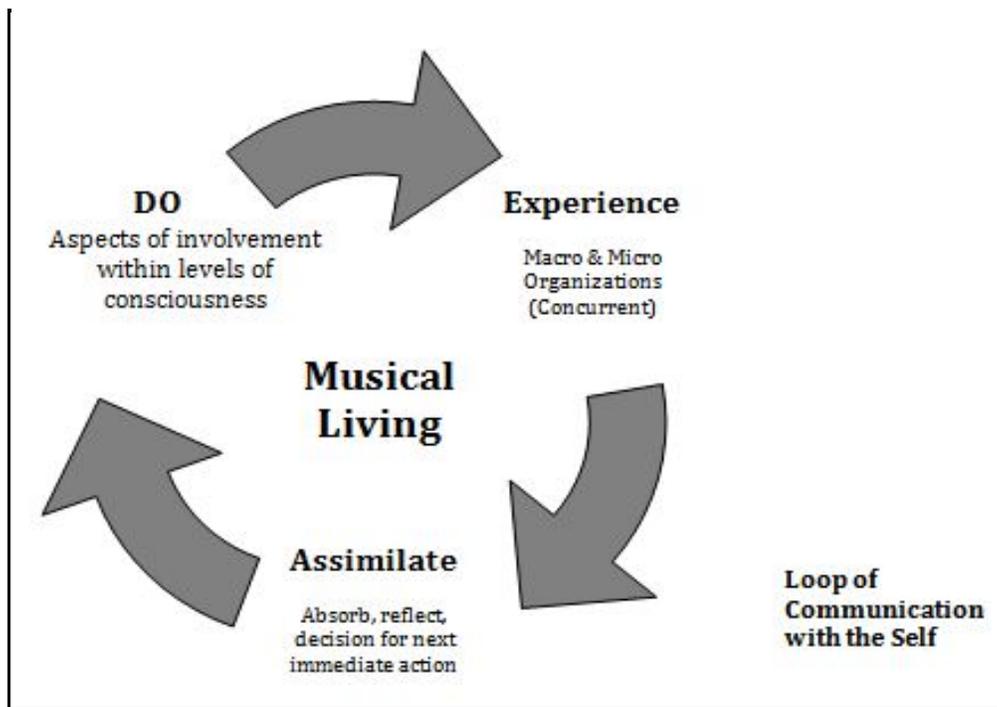


Figure 6: *Musical Living*

Wrapped in a particular context, first I 'Do', striking the keys as various aspects of involvement interact in perpetual tension at different levels of consciousness. At the same time, I 'Experience' the doing as the sounds construct and negotiate themselves into macro and micro organisations of coherence. As I experience, I 'Assimilate' the sounds into part of the whole musical tapestry and decide on the next move. All these are guided by the Context and my acquired musical knowledge, preferences, skill etc. that are socially and culturally informed. When all these come together, I experience immersion in the moment. This moment-to-moment immersion becomes a kind of Musical Living. It describes the primary purpose of free improvisation - seeking ontological meaning through the cyclical process of perpetual Self-construction in relation to the Other, inner world in relation to the outer, meeting and understanding the Self through continuous discoveries and rediscoveries.

Bringing it back to Music Education

Returning to my role as a music educator, what are the possible implications?

And my answer: for a teacher conducting general music and creativity programs, free improvisation provides an avenue for promoting self-expression by nurturing creativity and communication with oneself and others.

It promotes creativity because:

1. It allows for music making with whatever the students have, without need for formal prerequisites or matching of skill levels and musical styles.
2. It accepts errors and assimilates them as part of music making.
3. It encourages play and experimentation and discovery through the exploratory nature of the moment-to-moment experience, with a minimization of preconceptions.
4. Of the need for constant acquisition of new techniques and musical sound patterns in order to evolve and develop as an improviser, as well as regenerate the spiritual essence and continuity.

It promotes communication because:

1. It is Situated Music, where the sounds are made relevant through musical processes propelled by the prevailing Context, allowing reflection and mediation of the Self, similar to a diary or blog.
2. The moment-to-moment experience of transformation and change with rising tensions and subsequent resolutions is a reflection and semblance of the mechanisms of life, communicating and reflecting real-life thoughts and emotions.
3. Sharing free improvised music with the Other requires constantly reaching out for understanding and compromise between both within shared, lived time and space in an evolving context.

I imagine a class where improvisations could be developed without criteria, where students are encouraged to self-express and live through music within a dynamic context that is shaped and negotiated by all participants. For this to occur, instead of creating a situation in which there is a predetermined outcome and the sum of the parts is already known, music educators must be comfortable presenting unpredictable situations and exploring open-ended possibilities (Borgo, 2005, p. 173).

If music educators agree that free improvisation is a means of musical knowing, a means to engage students in music making regardless of musical background and proficiency, that free improvisation as a discipline is not exclusive to music but pervasive in life, and that it stems from and encourages self-expression, then free improvisation should be taught as an essential activity in music classes.

Notes

Stephanie Sun is a Singaporean Chinese pop singer and songwriter. The song Tian Hei Hei, which she sings in both Mandarin and Hokkien, is written by Singaporean music producer and composer Lee Shih Shiong. It is an adaptation of a Hokkien folk song, and describes the recollection of innocent and simpler childhood days and the urge to return to it.

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