

“It’s past simple clarity - most artists create music with clarity, but some tolerate more ambiguity, so when they create any music, they create it their way - slightly “off” (Stevie Wonder, Hancock) - you get the idea that they’re modernizing/abstracting the basic version of material into something more complex. This has to do with the learning process - most artists get to the point where they can create clarity then stop. It’s where I am with the “Jacksons” beat. The problem with clarity is it sounds infantile against more complex styles and versions of the same type of material. “Darling Dear” shows more compositional complexity than my pastiche of it, “I Need You”. The idea is that the greatest musicians tolerate more ambiguity and thus create more ambiguity even when presented with a simple task.”

The “Freeform orientation”

Freeform orientation is “ambiguity theory” reinterpreted as music’s inclination to break out of its constraints (various parameters) toward a “freeform” orientation. It’s an alternate definition of “ambiguity theory” less focused on the effect (ambiguity) than the composer’s approach/mindset - the musician’s comfort with complicated ideas and structures that aren’t immediately/easily assimilated by the listener. Most apparent in works that still maintain some normalized “genre” values, giving them structure to “break” from: I have observed it in Jimi Hendrix, free jazz (Coleman, Vandermark), Norman Connors, Michel Legrand, others.

Freeform inclination leads to all the elements described in ambiguity theory - the need to break limitations in all aspects of music
 “Music trying to break out of its constraints, and gaining in the process”

The limitations of:

- Regular rhythm, pattern and tempo (rubato, tempo change (modular and sped), polymeter, swing/stagger)
- Equal temperament (bends/slurs, extended technique, atonal, micro)
- Form and narrative
- Tiered dynamic sections (gradual escalation, difficulty finding a “loop” to define a section)
- Harmony (even veiling)
- Transition (use of fades, collage, upheavals, dissolves)
- Comping vs. melody relationships (all inst’s are free)
- Melody (complexity, extended technique, reinterpretation/no literal repetition/fleeting style)
- Notation
- Genre: avant-garde, ambient, pop, soul/jazz morphologies all available

Emphasis on through-composition

Capable of the most detail

Comfort with ambiguity

The important thing is everything is always changeable - major change is always possible, meaning you’re never straitjacketed

Every instrument is always in soloist mode

This legitimizes everything each instrument plays - no “holding patterns”

In a lot of ambiguity theory, the drummer (and other musicians) are very complex

Freeform orientation refractions

AMBIGUITY PROCESSES:

You have to learn to accept the results of ambiguity theory refractions - it will make the piece different, esp. into non-pop/art

The easiest ambiguity theory is from composing from the start w/ that orientation, or free improv based on a piece (but loosely)

Both methods lend to a much greater freedom than the surgical modifications below

Composing with this intention: esp. outside of pop

Collage/layering - the only way some of these works are possible?

Coexistence while retaining autonomy (is, coincidentally, the ideal of counterpoint)

“Ambiguity Evaluation”

The out-of-control: how to create?

Problem: how to create what you don't *understand*?

= Experimentation Live playing/feel

Rhythmic thesis? Render extremes in advance?

Rhythmic thesis of disorder contained/“rescued” by meter - irregular patterns and triplets

Also rescued by sectional anacrusis (disorder ‘runs into’ a new section w/ fresh order)

Onslaughts rescued by complete pauses/drop outs

Free jazz: multiple improvisation parts at once (see Thomas Crown)

Metric scaffolding (Salome) - meter as perfunctory scaffolding for ambiguous content

Added melody: melodic material can be placed into any axiom, no matter how radical = the basis of implementing ambiguity theory

Save original version's session or MIDI, to free you to be more radical

Don't be afraid to dismantle the original composition - or keep original version as “source material” (at start of session)

(Similar to developing variation sessions)

Preserve aspects, but leave the simple clarity behind

Issue: Keeping the essence the same vs. changing it (keep same - otherwise, why not compose a new piece?)

Some works are less ambiguous, leaving less room for modification (compositional inertia)

More pop or beat-leaning works aren't very conducive, esp. if not conceptual to begin with - it sounds contrived when expanded

+ Counterintuition + Transfiguration

Objects for ambiguity transformations

i.e. “Riff” > Sun Ra “Astro Black”, Zep etc. (how a riff can be transfigured through ambiguity)

be able to ambiguify anything - to take it into the higher realms (esp. as an intermediate step to singular objects)

Improvisation and refining/articulation

Melodic improv (homophonic) + harmonization and articulation

Composition + replay/revision (at exceeding levels of abstraction)

Instrument substitutions to more expressive instruments are essential

This is a “studio” oriented idea - yet great musicians can create great music with any instrument (VST, synth, etc.)

Not just “more expressive instrument” subs, but “more expressive object” subs

Transformations:

the logical transformations of melodies from certain places

see also: transfiguration strategies

where they dissolve and/or have to fundamentally change

especially good for motifs in pop songs or pop/song *form*

turning coherence into higher complexity (basic coherent structure - like lead sheet or MIDI song)

Factors:

Rhythmic/phrase value (any disparate, dramatic music can use phrasing - atonal/serialism needs rhythmic phrase)

Breaking 4/4, fermata in many higher genres “squaring” for classicism (w/o swing) jazz (swing)

More articulated phrases (joining harmony and melody, killing “homophonic” nature of pop)

Axiom (immerse in axiom)

Idiom (genre/cultural styles)

Harmony (some genres will require reharmonization)

Some pop progressions won't sound “classical” without a substitution or correct leading

Development (Beethoven would require an extension of a loop over multiple keys into longer phrase, for instance)

Illustration:

Bruno Mars > 50's ballad > Sondheim > Chopin/Mozart/Classicism > Beethoven (as motif) > serialism (as row, intervals modified)

Alternative: small-ensemble jazz (Jamal) > Art Tatum

Alternative: Godowsky embedded virtuosic pattern

AMBIGUITY THEORY BY ASPECT:

Holistic Refractions:

- Primary b/c a holistic approach is preferable to a piecemeal implementation
- Gives you permission to overhaul an entire composition
- Counterintuition, transfiguration
- Radical refractions
 - Holistic axiom
 - Radical genre (Vanilla Fudge “Windmills of Your Mind”) - but much more radical potential exists
 - Art music can refract conventional material until it’s unable to be recognized (= loose/distant metaphor)
 - Generalizing counterintuition to an entire refraction - half-speed, or opposite character, etc.
- Bend language (“Razor Sharp” beat)
 - > Tone editing to lessen modular feeling

Melody:

- “Added melody” - embed melody anywhere - in any axiom, etc.
 - Embed melody in extended technique or sound effects from respective instrument
- Never assert/play simple melody/simple version of melody = always stylized
 - Sets expectations for ambiguity high - the radicalized melody *is* the theme
 - Simplicity only for irony
- Composition:
 - Axiom Shining character Odd patterns, unique to melodic content
- Less ‘lead melody’
- Less use of held notes (bass only) Suspended note over action (“This Generation” beat)
- EQ: see expressive language, bend (Pyramid Song wouldn’t be what it was without the bend, for instance)
- Long unison phrases (Gil Evans, Lonely Woman, Congeniality, Ken Vandermark) - esp. when not exactly synched
 - Stagger unison melodies, and pan the unisons to extreme L/R (imperfect unisons)
 - Compose the unisons imperfectly - different characters, tone mods, swing)
- Complex tutti phrases (Gil Evans) - add tutti to a complex, even rubato, melody
- Short unison phrases (More Soul Remix beat, Huit)

Organic Domain:

- Counterpoint, layering Specific morphologies and axioms contrapuntally realized
- Everything through-composed
- Disintegration of the chord (Hammerklav, etc.)
- Axiomatic chord realizations, programmatic/axiomatic (Lonely Woman beginning) - odd comping, b/g processes
 - (Begin with chord progression and etc)
- Greater layering of melodies, esp. filling in holes created by the other melodies (You’ve Got It Bad Girl (Montenegro))

Harmony:

- Harmonic veiling, as a result of layering and/or collage
- Dissolve the harmony into melody (see “Organic Domain”)
- Modulation:
 - Get the composition out of one key
 - Modulatory phrases, even if they end up back at the home key (Ripperton - “Memory Lane”)
 - Modulate repeated section into another key (like sonata developments)
 - Consistent with fleeting style “never return” maxim

Rhythm:

- “Drummer leads” Free jazz orientation Salome as “free jazz” - picture a band playing it
- “Spills”/Bitches Brew:
 - EQ drums crisp but low, so you can have instruments layered at higher volume, “spilling over” the drums
 - A fix for negative stereotypes about drum-based music: that they restrict the climax ceiling, and that they inhibit freeform
- Variations on central progression (when there is one)
 - Even the archetypal jazz hat pattern can have 100’s of subtle variations
- Notching
 - Individualized perception of each drum: melodic vs. timekeeper
 - Well timed notch accent (like “Never Gonna Break Up” live version) Seizes, double snares Pre-beat 1 seizures
- Rhythmic vitality
 - Quickness/agility of melody (replace 8ths with 16ths) Tuplets, accelerations
 - What character is supposed to be represented?
- Allow multiple quantizations/swings over time, for every instrument individually (part of piggybacking)
 - As a real musician would alter

Non-literal/metaphoric rhythm, character/idea based

Flashes of regular rhythm

Comping drummer (just like other instruments) - introducing ideas, notching, rolls, programmaticism, odd patterns

Loosening rhythm (behind beat etc.) + swing setting juxtapositions

Looser, wilder drum pattern, contained by the bar?

Sparser/understated ("Driva Man") and more dense (tuplets/micro?)

Fills: wilder and longer drum fills: pinpoint fill opportunities then design them (or audition them)

More frequent anticipations of beat 1 (fills, builds, etc.) (Ayers "Sunshine" live)

Embeds and drummer-only grooves Double-time ("Sunshine")

Hits unable to be completely heard individually but heard as gestalt (long tom/drum fills) ("Hate the Game", "What You Got")

More diverse use of drums in kit (rims, hats, secondary perc, toms)

Open hats and rides (sizzle)

Tempotrack (holistic and bar to bar)

Rhythmic substitution:

Substitute current drum pattern for a *more complex one* (Marvin's "What's Goin' On vs. Roland Kirk's)

Implant the whole long line into a new rhythmic world (Playing The Field)

Tuplets in lines (replace normal values with odd tuplets)

Metric substitution (using odd meters)

Meters in 3

Modular transition - each section an opportunity for new meters (Bobby Bryant)

Adding bars (to 5/4, 3/4, 2/4) - making phrases uneven

Adding bars (or reducing bars) at half cadence

Add a bar as fermata in middle of notch phrase (Alibis and Lies)

Measured fermatas in general - esp. at end of sections (1-2 bars, for a small event?)

Take out a bar from a predictable 4/4 section (like a h/c or remove an empty transition bar)

Swing bar/section, in otherwise straight rhythm content (If 6 Was 9)

Polyrhythm, not bar-limited (sectionally limited)

see: embeds

Drum solos, short and extended (esp. short) Drum Battle 1 2 3, "Moby Dick")

Drum solo under other instruments

Coherent melody against wild drumming (or disparate tempo)

1/2 tempo, 2x tempo, free improv (Freedom Day)

Drum EQ: pans reverb

More interesting percussion, in constant flux (congos, bongos, clave) - always playing a mod rather than loop

Tempo:

More extreme tempos (slow down, speed up)

1/2 time, cut time/2x time, uneven/layered polymeter

Tempo change: how to implement

1. Most changes are 1/2 time or 2x

2. Polymeter = phrase-based, over a constant tempo (Stravinsky, Sweeney Todd)

3. Accels/decel, leading to new section in faster/slower tempo

4. Surrounded by silence (Doggone drum solo)

Fermata, pauses, sustained notes (high/low)

Dropout events (cadenza, etc.)

5. Truly organic music

Phrasing

Independent tempos/multiform time (Carter)

"Resetting tempo" at each new bar (Jeux in the extreme) "Fresh gamut"

"Free improvisation"

Free parts literally doubled by drummer

Soloists against silence Tutti against silence

"The fast-tempo implications of freeform orientation are underrated"

Anything that happens within a tempo or meter, period - so fast tempo/meter still holds in freeform orientation, and all the

Freeform axioms are possible within it, even shimmer, notch and collage

The tempo can be fixed, speeding, variable even rubato

Meter can be fast 4/4 or any fast-tempo meter (3/4, for instance)

A lot of the ambiguity theory mix has fast tempos

Some instances:

bop aesthetic

Carne "Acknowledgement" Danse infernale

1983 fast parts, also "6 was 9"

"Jazzform" beat Fast-tempo drum solos

Chaos: (Ending with rescue, dissolve or end)

- Holistic chaos (as holistic axiom)
- Chaos/catastrophe in climaxes (builds) (“Jaguar”, “Smiling Eyes”, “The End”)
 - Creating chaos or aggregations at ends of sections/climaxes
 - Overtaking aggregation/mass (“Hell Below”)
- Breakdowns of order (end of “Moon Dreams”)
 - breakdown into shimmer (“Since I’ve Been Loving You”)
- Non-metrically governed sound mass build (“LSD (Red Hot)”)
- Non-metrically governed sound masses (Penderecki Threnody, Polymorphia)
- Danse Infernales (usually ending in chaos)
- Layered free soloists (“Morning Change”, “BloodCuzn”)

- Free/atonal counterpoint eventually recovered (Swing Symph, “Moon Dreams”) “Dissolves” in the fleeting style
- Rescue: large aggregations to chaos, then rescued

Free Parts: (from momentary to sectional)

- Holistic freedom (free jazz, etc.)
- Free sections (solo rubato) (Rite beginning)
 - Soloist with free duet (no drums)
 - Soloist against free roll/shimmer background (Psalm)
- Disorientation in free section (anytime listener doesn’t understand what’s happening)
 - Emotional thesis objects *freely layered* (rather than integrated in orderly long line)
 - Creates disorienting dream-like feel - combined with pleasure of desirable elements (The Stars Were Shining)
 - Implies that desired elements don’t have to well defined to create their effect
 - Emergences out of disorder
 - Shimmer style applied to all instruments (free improv)
- Free soloists in a specific character
- Fermata:
 - Cadenza on fermata
- Shimmer:
 - Free percussion solo (1983)
 - Sparse random hits
 - Free shimmer over riff or progression (“Jessica’s Theme”, “Last Tango in Paris” Theme)
- Looseness:
 - Loose drumming (“Far Cry”, “Conquistador Pt. 2”, Last Tango Ballad)
 - Organic/“ugly” fills Hectic drumming under timekeeper
 - Swing juxtaposition (Nottz, “Freedom Day”) Different swing values at different parts (“Huit Octobre”)
 - Organic drum solo, using silence (“Triptych”)
 - Instrumental soloist with intermittent drummer, free tempo (“Goodbye Tom B”)
 - Loose, slow swing (“Walk On By” cover)
 - Loose polyphony (Beethoven Op. 132 mov 3)
 - Rubato*
 - Pianists articulating phrases with slight pauses (Mozart 545)

- “Winding down” or “winding up” (gaining or losing order) (end of “Moon Dreams”, “Since I’ve Been Loving You”)

Silence:

- More use of silence
 - Dropouts Silence within phrases, between notes, long lines etc.
 - More unaccompanied solos, rubato solos, etc. (with dropouts)
- Phrase divided by silence, when length of silence is not predictable (Feldman, In Our Lifetime end)
- Drum solo against soloist, using silence (Triptych)

Solos:

Solos of a certain character (“free”, lazy, frantic, “against the beat”, purposefully behind the beat)
 “Pink Panther” Clarinet Solo etc.
 Free jazz
 Bobby Bryant Vandermark “New York Is Full Of Lonely People”
 “Every Step Of The Way” flute solo
 Rapid Asian flute
 ...or many characters (“fleeting” emotion)
 Autonomy of all musicians at once (everyone comping and soloing, none limited)
 Background soloists, with more character than usual

“Expression language” Hendrix + bend language = the “expressive language”
 Grace notes = smoother Grace notes on all notes of a chord
 Drop-offs after phrases (scalar fall) Glides and drop-offs Wails, screams
 Bends + strums (Castles Made of Sand, Little Wing)
 Vibrato = big feature
 Carnatic-emulation using glides + mono select + chording & countermelody
 Whammy bar = “Penderecki” wide vibrato
 FX
 Transitional descents or ascents
 Use full bend with:
 Legato melody
 Countermelody
 Basslines

see: melody - never play simple solo

Short solos, fleeting in nature
 Layered soloists (Morning Change) - break up solos, because a single soloist for long period is too sectional
 Free solo over constant rhythm: take a constant pattern and design an organic solo over it
 Constant solo over free rhythm: compose a regular/coherent solo and create a free rhythm under it (what governs the rhythm?)
 Free solo over free rhythm or silence: “rubato solos” in extended and expressive language

Bass:

“Bassline leads” if free soloists are above it (“Morning Change”, Jamerson) - through bassline could be free too
 Bass fills: longer, wider range Runs, of over an octave (10th+)
 Bend language (“Razor Sharp”, Nottz) grace bends
 (i.e. bends over wider than whole tone)
 Bass player improvisation
 Nebulous/obscured bassline (Hendrix 1 2) - distorted or big “Our Day Will Come”, “Still Standing”
 Improvisation around the original groove (subtle variations)
 Legato

Comping:

- Axiomatic With character
- Replace empty comping with legitimate countermelodies
- The “super-fleeting” (Nottz bass? “You’ve Got It Bad Girl” end (Montenegro)) esp. very short staccato & bent/singing (guitar etc.)
- Programmatic comping - vs. lyric, following emotion (“Find Me”, “Since I’ve Been Loving You”)
- Free/loose comping in background (Thomas Crown)
- Countermelodies, more saturated (You’ve Got It Bad Girl)
 - Idiosyncratic phrases between melodies (Sparkling in the Sand)
 - Extended technique in countermelodies (Sparkling in the Sand)

- Raise volume on comping
- Loud instrument countermelodies (Thomas Crown sax duet, “Girl of My Dreams”) - ends up sounding like call/response or duet
- Big, grandiose ornaments (Joni Mitchell vs. Hendrix = Hendrix is more fully committed to that style - see end of “If 6 Was 9”)

Specific Morphologies:

- “Undergrooves” for main themes/ideas
- Design complex morphologies
- Realize SM’s polyphonically
- “We’re getting over 10 SM’s + tension variants in many of the more complex fusion pieces”
 - Tension variants = x5 estimation, so 50 or so variations in Bob James’ “Golden Apple”
- Developing a single SM into *all the others*
 - But keeping drum placement similar? (and consistent ensemble)
- Straight into tension variant, or “variant bridge”?
- Radicalizing the use of SM’s to abstract means, auditioning them for use
- Use those with most character
- Pushes, riffs and drum patterns unrelated to the main melody
- Complex riffs (“Good Times, Bad Times”)

Optimum morphologies:

- Morphologies that “allow the composer to do the most”
- Combine all into the “all-inclusive” fleeting style?
 - Collage
 - Fleeting style
 - Fleeting style + drums (Legrand) Jazz fusion: feels more restricted to drums, but still
 - Free jazz Vocals (or lead inst) + free drumming
 - Full orchestra organic/fleeting (Salome, Wozzeck, etc.)
 - Solo works in general Solo piano (Jamal, Godowsky, etc.) (= rubato potential)
 - total serialism
 - Nature style
 - Variation form
 - Fixed/flat loop/vamp with disparate objects (“Masterpiece”, bop + free jazz orientation, “Every Step of the Way”)
 - Fixed tempo + soloist (“Ended As Lovers”)
 - Dramatic vocal music (opera, musicals, Queen)
 - Vocals (or lead inst) + free drumming (“Triptych”, “The End”)

Background: see comping

- Dissonant background action (Freedom Day)
- Background soloing - esp. dissonant
- Melodies juxtaposed against ambiguifying background processes (Salome, Jeux)
- Passing tones in scale runs (questionable whether they are heard)
- Objects entering and leaving (Light My Fire)
- Rapid lines entering and exiting (“Love Sounds”, Nottz)
- Echo background (F for Fake “Picasso”)
- Bass player improvisation
- Nebulous/obscured bassline (Hendrix) - distorted or big “Our Day Will Come”

- Organic triplets
 - Trills quickening, scales with organic triplets
 - Pitch bend, grace notes and scale fills (Bartok)
 - Swells Slurs
- chopping samples (and the nature of the sample chopped)

Form: see strange poetry, counterintuition, transfiguration

Phrase, not "section"

The duration is completely justified by its nature (is "sheltered" from expectations)

No verse/chorus - use *custom forms instead* "new fusion forms" - custom drum-based forms

Using drums implies modular blocks of regular tempo - acknowledge this using custom forms.

Anacrusis dropout w/ shimmer (Vanilla Fudge - Windmills Of Your Mind)

Random/odd events happening over a consistent rhythm or vamp (Thomas Crown OST) - different axioms

"A Man's Castle"

"Doubting Thomas"

Embeds: events embedded in and between traditional/linear line - usually used in development, like "etching"

see: the breakbeat in "Waveform"

Connors' "Love From the Sun" probably has much of this

Resists the non-descriptness that can come from chord sequencing

Object embeds - embedding objects from Full Object List

See: the vamp in the long-line of "Electric Ladyland", solo drop-out in "Peacocks"

Embed a chord prog within another - a SCC, for instance, a pointing 7th (to "classify"), or ambiguifying chord

They can "expand out" a chord prog, or add definition w/o effecting length

More outrageous use of space between main melody phrases)

Sectional repetitions always reinterpreted (fleeting style maxim)

second verse more embellished than the first, etc.

Never recurs under same conditions

Compose new destination for a repeating part (rerouting expectations) - like repeat of chorus)

End: wilder end, with fills and notches

Extending bars on climaxes

Acceleration on climax, esp. of reduced bar length/meter (Ravel)

Progressively shortening phrases by a beat (4/4 to 3/4 to 2/4 to 1/4)

Phrase relay: divide melody between instruments

Half cadence modifications: see folder

Harder notch h/c

Orchestration:

More drumless sections

Doubling regular instrument with more expressive one (Joy intro)

Transfigured ensembles Singular timbres

Sub in a more expressive instrument (VST or live musician)

Audition a better ensemble (sub out all instruments to try different combos)

Every instrument must sing - if it sings, it earns its place within even dense polyphony.

EQ:

Live sound (amb reverb, type of instruments) Ambient reverb (to sound live)

Tone modifications (bends, grace, swell, vibrato)

Sinewy instruments in general

Crisp drums

Odd mixing = solo or too-loud instrument, distant background objects ("Sexy Mama", "You've Got It Bad Girl")

Idiosyncratic FX (see introverted transfig)

Heavily reverbed mix = nebulous, ambiguous

Low "subconscious" layers

Reverbed solos Echoes Pan-chop ("Summer Madness")

Flexible volume - during multitracking, you can fluctuate volume of any instrument

For emergence/breakouts, subtlety or outrageousness, subconscious layers, etc.

Full stereo field panning/extreme panning (to differentiate the instruments)

Not just full panning, but active panning (pan field)

Lower volume of bass (if too heavy)

Dynamics:

Less loudness - use of climax/peaks (versus flatly loud like beats)

Modular fortés (Booker T - "(She's So) Heavy")

Holistic volume - progressively louder (only within a few DB)

Swells governed by/accenuating phrasing

Other:

Using pop/song appropriation objects loosely (surrealist, impressionist)

Greater character fidelity (more exaggerated, non-obvious, etc.)

More axioms

Killing dead parts - dead parts are often obvious

Free improv section replacing the dead section - yet with same character