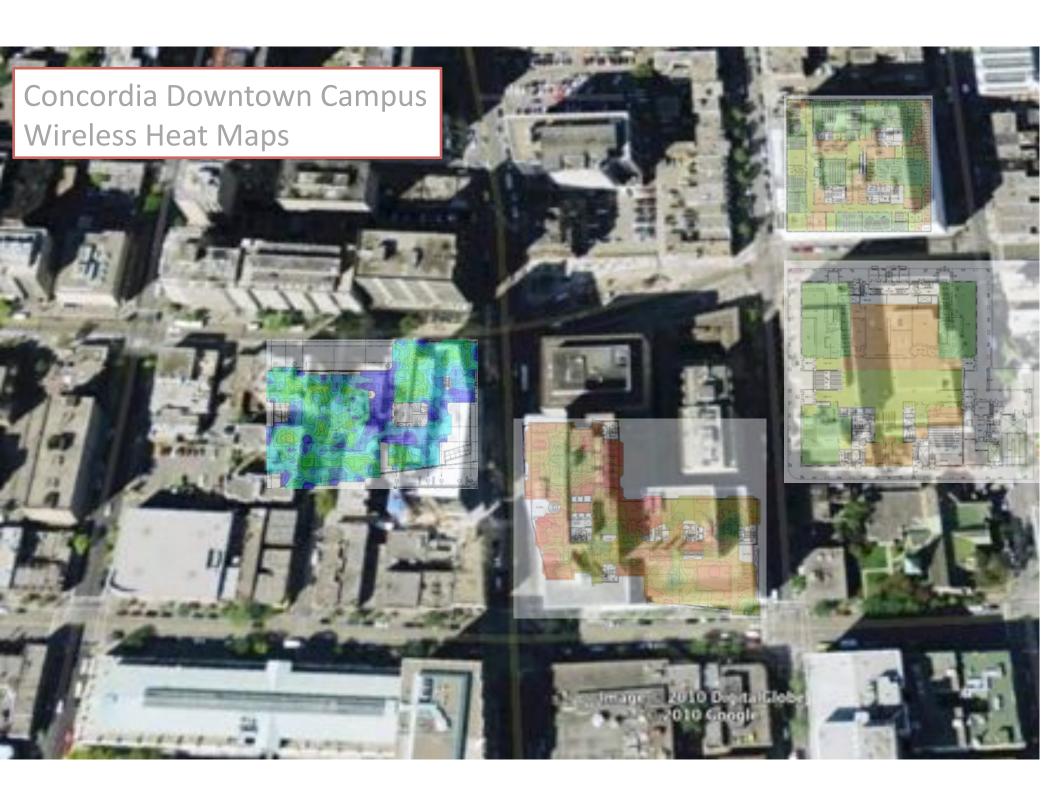




-people pursue their own, uncoordinated pathways of movement, against the backdrop of unwavering wireless networks...
- ...communicational universes...talking to each other, their geometries of distance and interconnection made and remade in ongoing fashion...

Will Straw, The Circulatory Turn in: "the wireless spectrum" ed. B.Crow, M.Longford, K.Sawchuck, University of Toronto Press, 2010, p.17/25









Wireless Heat Map in the EV Building



wireless

movement

signal

drop -out

path

encounter

nexus

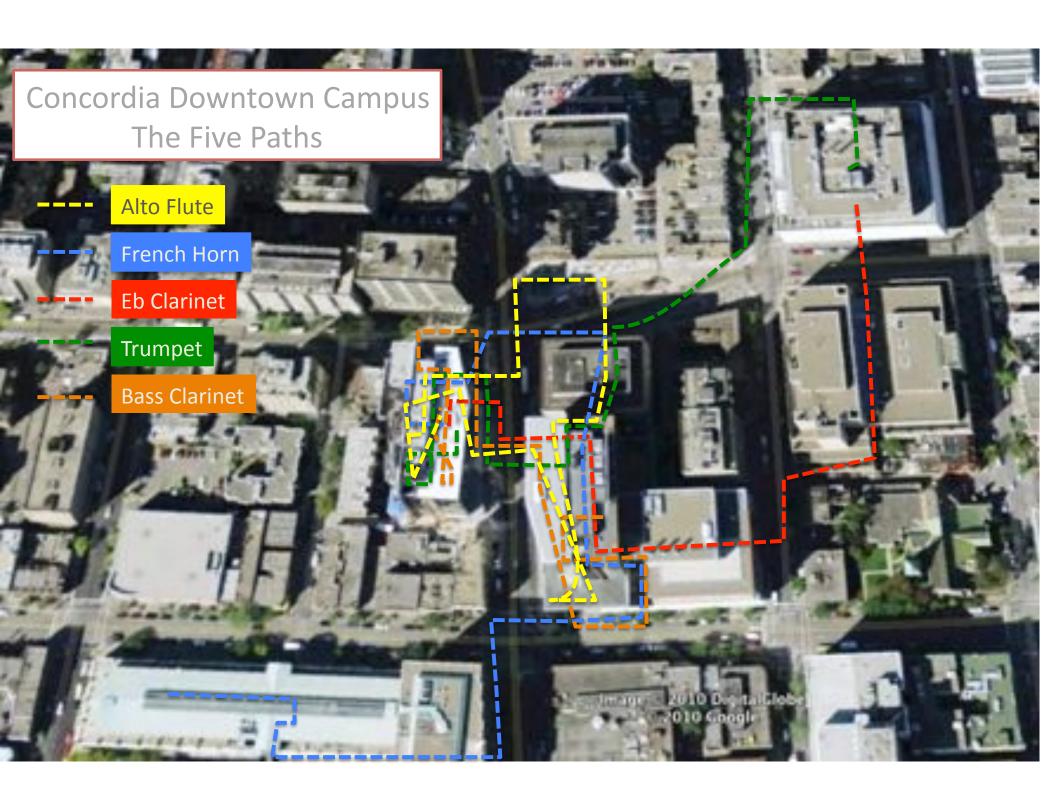
loop

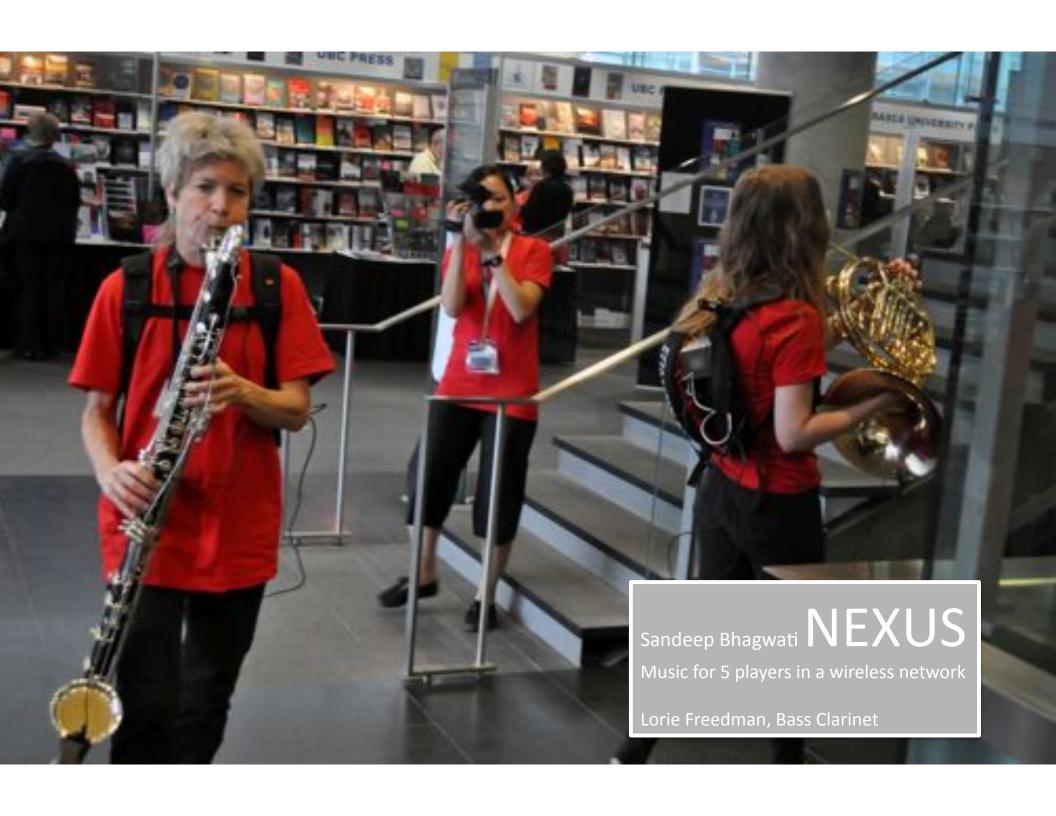
between stable & variable field & agency send &receive intent & result topology

speed

topography

people





wireless

movement

signal

drop -out

path

encounter

nexus

loop

between stable & variable field & agency send &receive intent & result topology

speed

topography

people

comprovisation

creation in time-based arts

predicated on

an aesthetically relevant

interlocking of

context-independent

and

contingent performance elements

comprovisation

context-independent = SCORE any instruction or device or rule etc. that stabilizes a number of aspects of a performance from one realization to another contingent = *PERFORMANCE* any action within a performative context that is not covered by the score.

score

performance

pitches rhythms

phrases

to project

to connect

sequence

oarsing

mode

reaction

performer

people

circulation

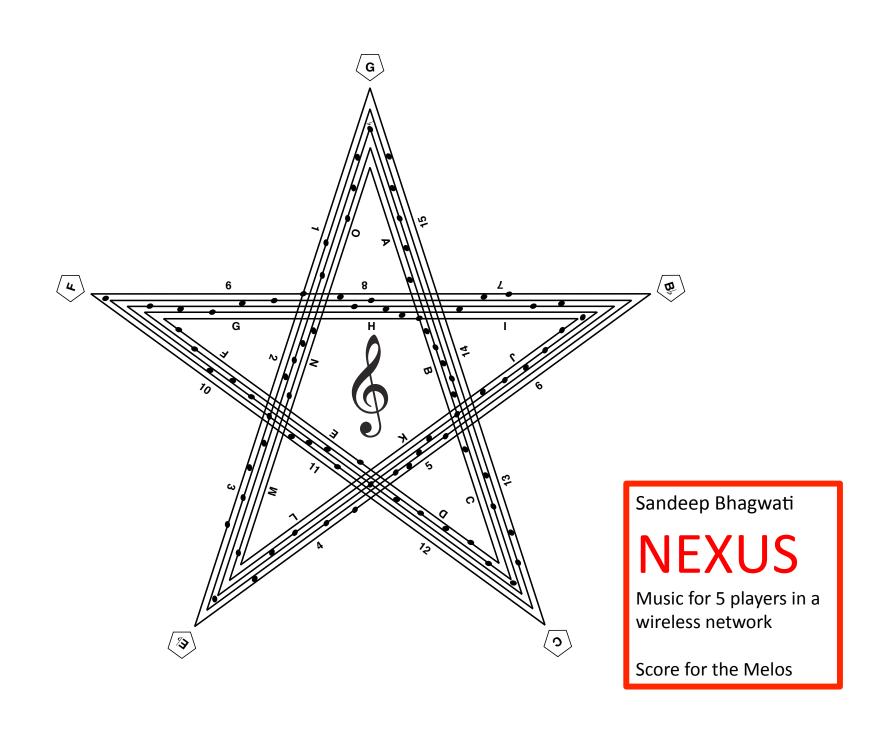
interpretation

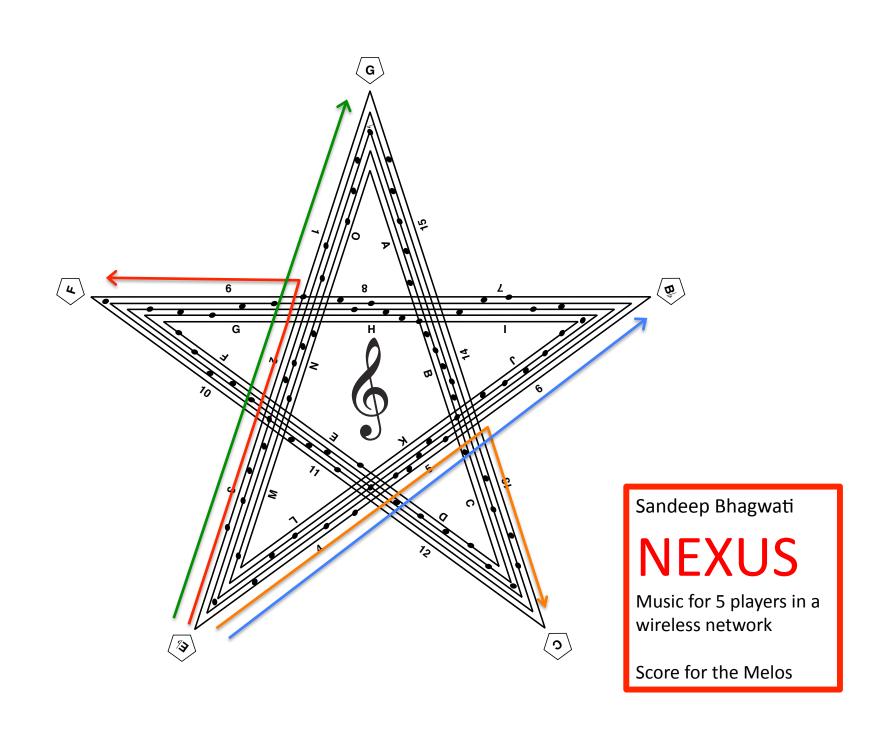
comprovisation between context-independent & contingent stable & variable imput & outcome expectation & surprise

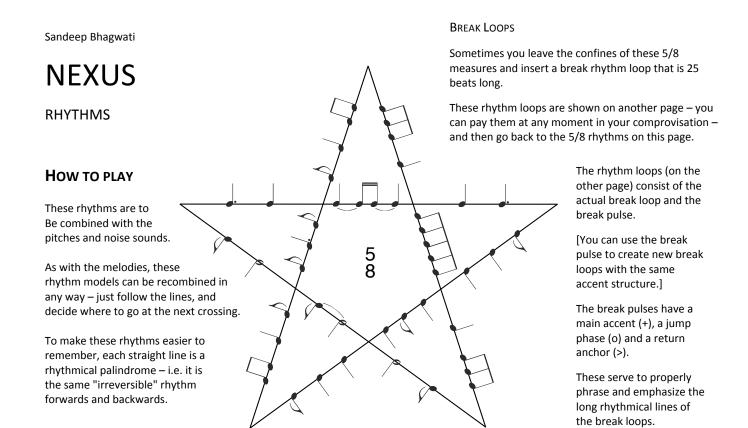
embodied

public

audience



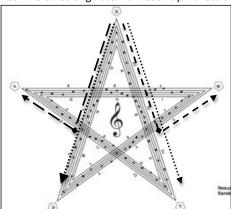




NB: You need not always play these rhythms, but you should start and end with them, and otherwise always stay in the five beat swing. Of course, you can repeat each rhythm as often as you need before moving on to the next!

WHAT MELODIES DO I PLAY?

If you look at the NEXUS score, you will see that each tip of the star belongs to one instrument. Four melodies originate from each tip – these are one player's melodies. (in this case: G's).

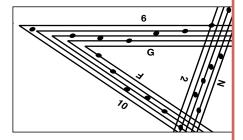


To play NEXUS, you will need to learn [by heart, forwards and backwards, and in your sleep] a minimum of four different melodies, each made up of 19 pitches (or three line segments). These are the four melodies that you will have to play—they belong only to you, even if parts of them overlap with parts of the melodies of others.

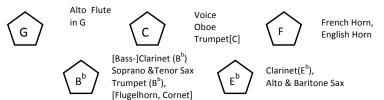
In addition you can see that there are many more possibilities of melodies within the score. These are optional: you can go in any direction, turn left or right and thus create a rich number of melodies that are all related to each other.

You can also see that, in the score, all line segments have a number on one side, and a letter on the other. The numbers indicate one way of looking at the staff, the letters indicate that one can also look at the staff from the other side: thereby playing a modal retrograde inversion of the melody.

[NEXUS uses these numbers and letters to designate paths for all melodies through the score.]



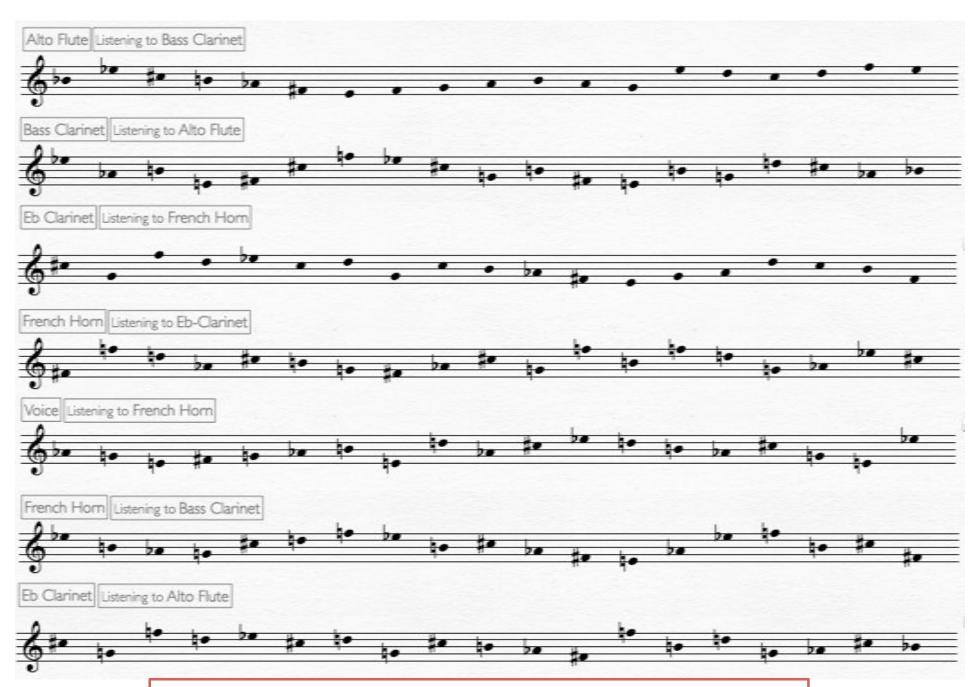
Now, if you look at the four melodies again (above), you will see that each melody leads to a different tip. That means that each of your four melodies connects you to exactly one other instrument. You see the instrument designation in the little pentagon at each tip – here is the legend.



So whenever you are "connected" to another instrument you play the melody for that instrument.

what you can read depends on the instrument you play. old choices determine current choices

the same notation
will encode
widely different
melodies
for each player



A variety of different melodies derived from the Nexus Pentagram



HOW TO PLAY NEXUS



Nexus uses a limited number of written pitches: all the pitches on the five lines of the stave, all the pitches in the interstices, with accidentals – and for one melody only, the Bb on the center line.



and like this: visually inverted and retrograde, as if looked at from the other side - or better, with the clef and the accidentals corrected:



You can see that the accidentals are always on the same interstices: One of the rules of Nexus is that these four notes remain the same, regardless from which side they are looked at: the lowest note in between the stave-lines is a F#, the next is an Ab, then again a C# and then again an Eb. So a melody like this:



Would be transformed into this when read from the other side.



This is why there are no accidentals written into the pentagram score: because they are fixed to their own interstice and never change within the piece.



IMPORTANT: ALL THESE PITCHES ARE WRITTEN - EACH INSTRUMENT WILL TRANSPOSE THEM DIFFERENTLY!

The 5 Nexus Comprovisation Modes

The melodies in NEXUS are not literally melodies in any conventional sense. Rather, they are sequences of pitches that can be interpreted in many different ways. Each of the five comprovisation modes asks you to read and improvise on a given sequence of pitches in a different manner.

RAAG the sequence of pitches is read as a real melody to be improvised on in whatever improv style you choose. For this improvisation you can freely use all pitches of the Nexus mode, but you must always start from and return to the melody or to fragments of it. Your task as an improviser would be to make the re-appearance of the raag-melody towards the end of a phrase natural. Tempo: very slow to slow.

MAQAM you always improvise on one pitch only, exploiting microtone glissandi, rhythmic variations and colour variations. You proceed from pitch to pitch – each in turn becomes the centre of these ornamentations around one pitch. Tempo: medium to excited.

SCAT Improvise in a complex, but groovy rhythm by using intervals from the melodic sequence. At any time the improv may use only max 3 different pitches, but nothing prevents a fourth one coming in occasionally. You play each short segment for min 3 max 15 times before you move on to the next. Tempo: fast to very fast. Example: If you have 7 notes [e.g. c#, g, f#,b,ab,eb,d] you will slowly work your way through this melody by playing rhythmically with [c#, g] then with [c#, g, f#] then with perhaps [f#,b] then |b,ab,eb| then, briefly, |b,ab,eb,d| and finally with [eb,d].

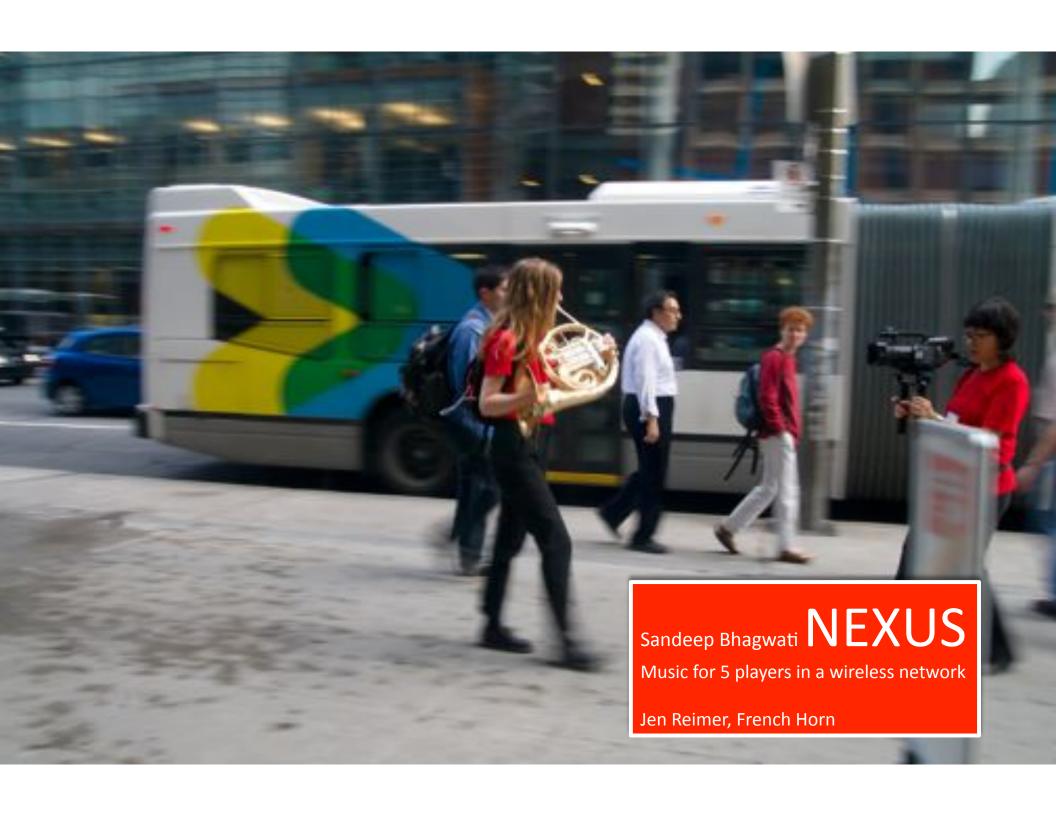
SCRUB rapidly move back and forth between the individual pitches, always starting on the one you ended with. Short, rapid bursts followed by hectic irregularly repeated pitches or trills with varying speeds on a long held pitches. Tempo: many rapid tempo-changes

NEXUS spider-legged lines crossing several octaves, with wide jumps, moving in varying speeds, but always relatively slow, not hectic or aggressive. Rather, there should be some grandeur to the melodies. Use the pitches in sequence, and cycle through the melody without any improv on pitches – the only improv should be around the octave transposition, the durations, the timbre and the dynamics. Tempo: slowly morphing tempi

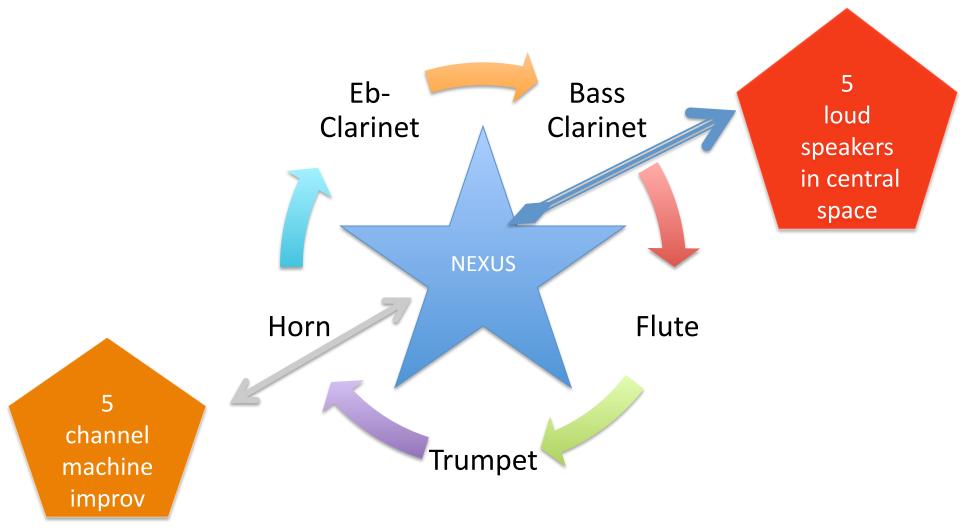
In all improvisations the rhythms used MUST be based on a palpable 5 beat cycle or a 5/x measure. You can freely use the rhythmic models suggested (see below) or come up with your own. The tempo may change, the basic units may change, but you must always feel the groove in fives!

...communicational universes...talking to each other, their geometries of distance and interconnection made and remade in ongoing fashion...

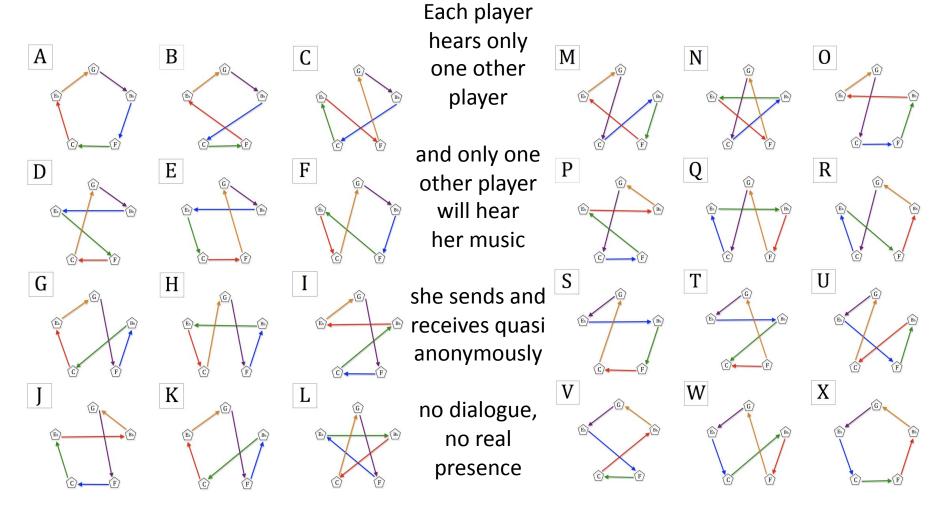
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Connections: Loops and Central Nexus

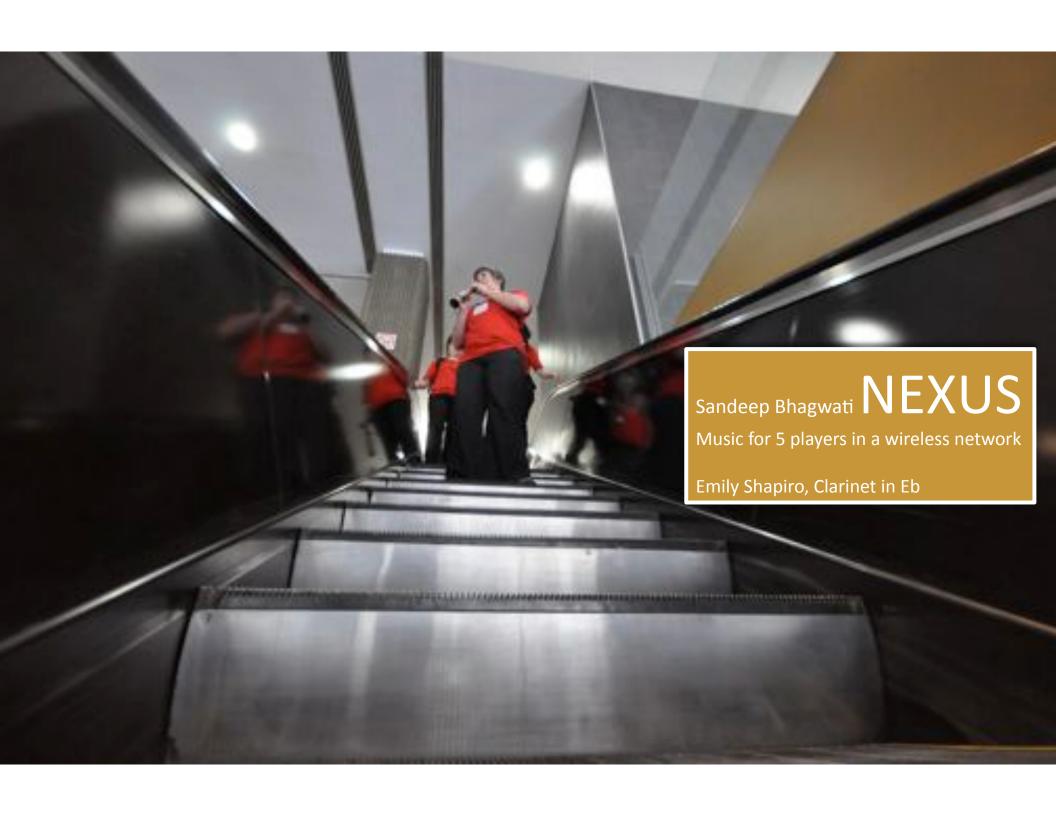


THE BOOMBOX CASCADE – MUSIC MINUS ONE⁵



what we hear is neither here nor there

NEXUS All 24 possible unidirectional loops A-X



wireless

movement

signal

drop -out

path

encounter

nexus

loop

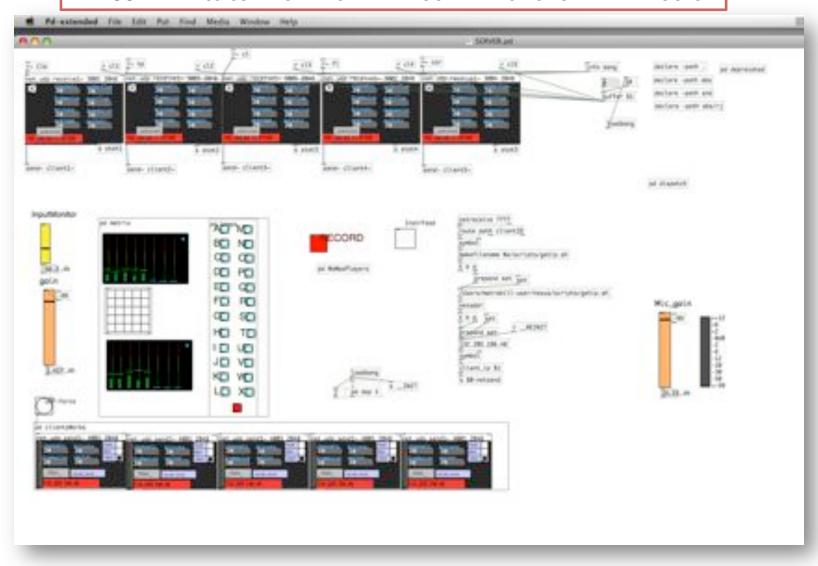
between stable & variable field & agency send &receive intent & result topology

speed

topography

people

NEXUS WIRELESS CONTROL PATCH WITH ROUTER PRESETS FOR THE 24 LOOPS

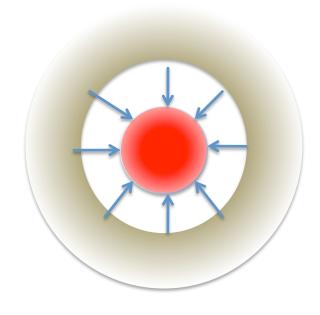




"Art no longer wants to respond to the excess of commodities and signs, but to a lack of connections."

Jacques Rancière

Problems and Transformations in Critical Art in: Participation ed. C. Bishop, MIT Press, 2006, p.89



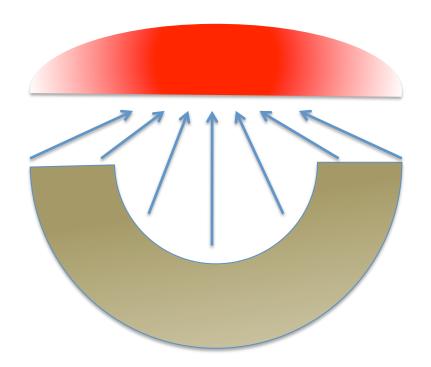
• omnidirectional interaction

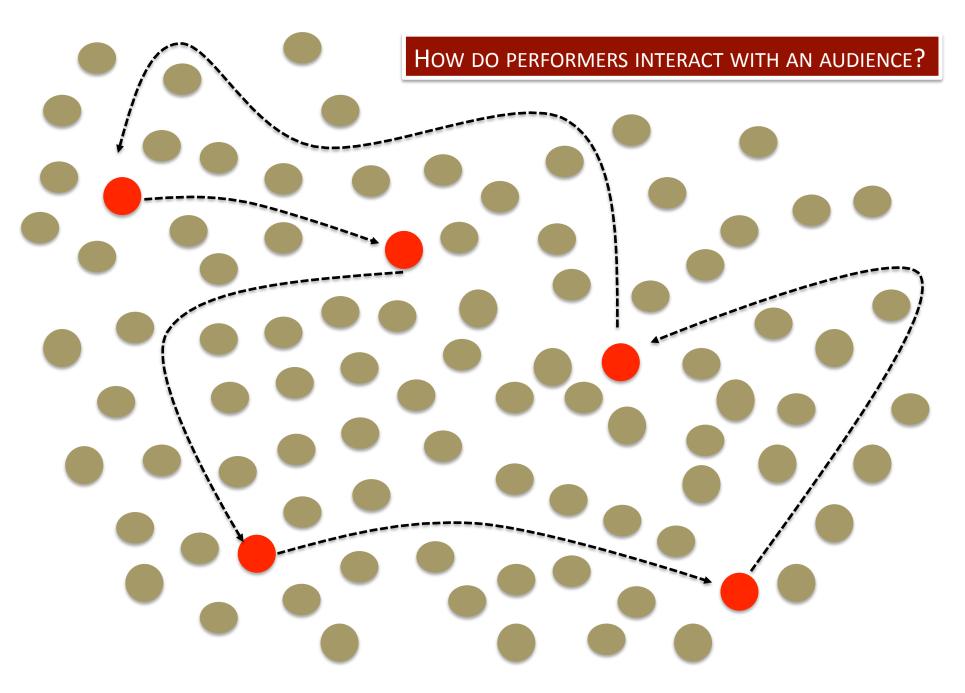
STREET PERFORMANCE but also: Berlin Philharmonie [Scharoun]

How do performers interact with an audience?

focused interaction

CONCERT/THEATRE PERFORMANCE but also: political rally





Ambulatory Concert: sound source travels through fixed audience (spatialized music)

