Electroacoustic Modular Ecosystem duo pantoMorf

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Piteå/online

- previous research
  - ecology
    - interconnectedness
    - dependency
    - emergence
    - complicating constraints
      - restrictive
      - generative
  - complex systems
    - as generative systems
    - as audio synthesis engines
  - parameter mappings in improv instruments
    - coupled mappings
    - all-to-all mappings
    - composed instruments
    - live navigation of unstable systems
  - between musicians in ensembles
    - negotiating roles while playing
    - emerging characteristic patterns
      - depending on communication protocols
- today
  - early experiments
    - building on previous efforts
    - applied to live electronics improvisation on analog modular synthesizer
  - interconnected modular synth performance as ecological system
  - bidirectional interconnectedness on 3 levels
    - symbolic level
      - exchanging signals as part of small generative systems
    - gestural level
      - mapping from one musician to the other
    - audio level
      - timbres modulating timbres
- early observations
  - not dependent on the other for making sound
    - cf., one person on each hand on a guitar
  - surroundings are ever changing
    - big ear is needed
  - control over connection strengths is useful