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*for Ensemble Musica Nova*  
*on the occasion of Amnon Wolman's 60th birthday*

1830

FREDRICK GIFFORD

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## NOTES

1830 is an open work for 5 players:

- 1 stringed instrument
- 1 wind instrument
- 1 percussion instrument
- 1 electronic instrument
- 1 indeterminate instrument

Each player is given the same set of materials: 60 cards, each possessing a number and a cue.

A performance of the work may range from 60 seconds to approximately 30'30.

The group should decide how long they would like a version to be.

Each player then chooses cards that add up to this agreed upon total duration.

Each player begins with one of the 4 cards labelled BEGINNING in the upper right corner.

After this, the choice of cards and the order needed to make up the total duration is free for each person: each plays her or his unique order of cards continuously, without a pause between cards.

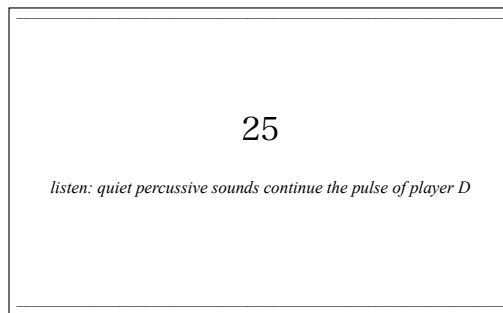
## ANATOMY OF A CARD

Each card contains a number and a cue:

The number shows the duration of the event in seconds.

The cue indicates the context and kinds of sounds that occur during the event

Letters ID's refer to a player's proximity to you:  
B is the player closest to you, E the furthest.



## KINDS OF SOUNDS

The score employs 6 basic types of sounds:

Covered sounds

Noise sounds

Sustained sounds

Dynamic sounds (sounds with unstable energy)

Perforated sounds (sounds whose sustain is irregular, uneven)

Noisy sounds (hybrid sounds comprised of noise and pitch)

These categories are not mutually exclusive.

## KINDS OF CUES

- tacet* asks the performer not make any sounds, but call for some silent activity to occur.
- silence* asks the performer not make any sounds or carry out any activity other than listening.
- listen* asks the performer to create sounds in a specific relation to sounds heard. These listening assessments are made as quickly as possible, so that a minimal silence precedes the new sounds.
- make* asks the performer to act independently, creating sounds freely, based on the given cue.
- recall* asks the performer to remember and recreate a sound(s) heard or made during the piece.
- record* asks the performer to capture a sound: this may be done in advance or during the performance, and may involve technology or may be done “manually” using memorization. In either case, the performer is effectively tacet during these cues. Later cues (make or recall) may provide the opportunity to play these recorded sounds. Recorded sounds may be saved and included as a possible repertory of sounds for future iterations of 1830.

## MOVING THROUGH THE CUES

Once the number of cards is known, each performer will be able to prepare her or his sequence. This will need to be done in advance, since there are several kinds of cards, some which can only be fully realized when listening to the others performing the piece, but some which ask for material to be prepared in advance. Preparing the pacing and arrangement of the separate cards into an easily visible continuity will allow the performer more attention to listen and react during a performance so that they as they are able to move immediately – without a pause – to the next card.

## REHEARSING AND PERFORMING 1830

The given timings are specifically notated, and rehearsing individually with a chronometer in order to understand the pacing of one's part is crucial. However, since the goal of a group performance is collective listening and interaction between the performers– not mechanical accuracy – no chronometers should be employed for public performances. Instead, each player should attempt to be as mindful as possible of the durational windows while listening to the others and reacting to the cues.

## REGARDING THE IMPOSSIBLE

Occasionally, seemingly impossible situations may occur (e.g., the cue asks you to listen and react to player B, who is silent). If this happens, performers are encouraged:

to carefully consider if performing the given cue is truly impossible (can listening to player B's silence inform your next sound as much as a sound would?)

OR

to wait for the requested conditions to occur (effectively inserting a brief silence until the specified conditions exist – these should never be longer than necessary)

OR

to remain tacet for the indicated duration and move on to the next cue in time.

# 1

*make a dynamic\* sound*

\* *dynamic* indicates a sound with unstable energy

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30

*make a noisy\* sound*

\* *noisy* indicates a hybrid sound: comprised of both noise and pitch

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# 31

*make a perforated\* sound*

\* *perforated* indicates a sound that is sustained but irregular, uneven

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BEGINNING

60

*make a sustained sound*

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2

*silence*

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# 4

*listen: make a complex sound that gives way  
to sounds played by D*

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# 5

*listen: make a complex sound that grows  
from other sounds you hear*

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# 7

*recall a complex sound you heard during the piece;*

*re-sound it*

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8

*record a complex sound*

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55

*make complex sounds gradually grow louder*

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# 59

*tacet: if possible,*

*play any sounds you have recorded during the piece*

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16

*silence*

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# 19

*listen: noise sounds approximate the pulse  
of other sounds you hear*

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# 21

*recall a noise sound you heard during the piece;*

*re-sound and transform it*

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22

*record noise sounds*

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41

*make: repeat and transform the first sound you made*

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# 43

*listen: noise sounds begin as sounds played by E end*

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45

*tacet: if possible,  
change your orientation to the audience*

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9

*silence*

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11

*listen: relate a sustained sound to player B*

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# 13

*make: sustained sounds articulate an irregular pulse*

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# 14

*recall a sustained sound you made during the piece:  
re-sound it, increasing or decreasing its complexity*

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46

*record sustained sounds*

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# 49

*listen: thicken sustained sounds  
when you hear changes in other sounds*

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52

*tacet: if possible,  
record the sounds that are happening*

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# 24

*tacet: if possible,  
play any sounds you have recorded during the piece*

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# 26

*listen: perforated sounds transform with other sounds you  
hear*

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# 27

*make: begin perforated sounds*

*independently of other sounds that you hear*

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32

*record a perforated sound*

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# 33

*recall a perforated sound you heard during the piece:*  
*recreate it, repeating each time with a slight change*

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36

*listen: perforated sounds share pulse with player B*

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37

*silence*

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23

*silence*

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# 25

*listen: quiet percussive sounds continue the pulse of player D*

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# 28

*recall a percussive sound you made during the piece:*

*recreate it, re-sounding it with a slow pulse*

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29

*record pulsed sounds*

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# 35

*listen: change percussive sounds with other sounds you hear*

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38

*tacet: if possible,  
record the sounds that are happening*

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# 39

*listen: make percussive sounds disappear into the other sounds*

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17

*silence*

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18

*listen: dynamic sounds begin in unison with activity of player C*

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# 20

*make: continue the previous sound you made,  
changing it gradually*

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39

*record dynamic sounds*

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# 40

*recall a dynamic sound you made during the piece;  
re-sound and transform it*

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42

*listen: dynamic sounds share the pulse  
of other sounds you hear*

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44

*tacet: change your orientation to the other players*

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3

*silence*

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# 6

*listen: make a covered sound that  
fades into other sounds you hear*

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53

*record covered sounds*

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# 54

*recall a covered sound you made during the piece:*

*re-sound it, repeating it with an irregular pulse*

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56

*listen: allow covered sounds to wax and wane*

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57

*make covered sounds that communicate a pulse  
to player E*

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58

*tacet: if possible,  
record the sounds that are happening*

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10

*silence*

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# 12

*listen: a noisy sound fades  
when you hear other sounds occur*

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15

*record noisy sounds*

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# 47

*recall a dynamic sound you made during the piece;  
re-sound and transform it*

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48

*make noisy sounds that gradually form a pulse*

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50

*listen: noisy sounds support player C*

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# 51

*tacet: listen for a noisy sound and remember it;  
incorporate it into the sound you play after this silence*

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