

transposing  
(recorder:  $\sharp 16/9$ )

for Natalie Pfeiffer & Alice Bordarier

# GRAM

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## Part I.

free, sustained, unhurried; each system lasting at least 30 sec.

(breathing *ad lib.*)

alto recorder  
*A 392 Hz\**

keyboard  
*Pythagorean  
split-keys;  
additive synth  
with spectrum  
mod-wheel*

viola

-2 *mezza voce sempre\*\**

(+/- spectrum *ad lib.*)

-2 *mezza voce sempre\*\**

(bowing *ad lib.*)

-2 *mezza voce sempre\*\**

a rec

kbd

vla

-2

+2

$\Pi^3$  48:49 (+36c) -2 54:49 (-168c) 35:36 (+49c) +12 16:15 (-112c)

-33 +29 -37 +2

a rec

kbd

vla

A

C+42 13:12 (-139c) +4 +6

+4 +4 -2 +6

-29 E+38 49:48 (-36c) +2

\* Cent deviations for the recorder are as they appear on a tuner (i.e. as per the sounding pitches).

\*\* Throughout this work: dynamics should be balanced between the three players with respect to the keyboard, which sounds at a constant volume and gives the impression of dynamic variation through the addition and subtraction of harmonic partials by means of the mod-wheel.

a rec

kbd

vla

*(beating!)*

$81 : 80$   
*(-22c)*

IV<sup>4</sup> IV<sup>5</sup> III<sup>3</sup>

-6 -4 -2 -6 -2

-6 -6 IV<sup>4</sup>

a rec

kbd

vla

**B**

-6 -4 -8

-6 -4 -8 -10 -12

Db+45 Ab+35

-4 -4 -8 -10

a rec

kbd

vla

A-9 E-7 (+62c) F-45 D#-49

-10 -14 +8 +6 +2

A-9 +8 +4 9:8 +4 9:10 -14

$81 : 80$   
*(-22c)*

12 : 13 (+139c) F+41 39 : 40 (+44c)

a rec +2 -16 -12 -2 -2 +2

kbd +2 +4 -2 -2 +2

vla II<sup>3</sup> F-27 225 : 224 (-8c) +2 25 : 24 (-71c) 27 : 28 (+63c) -35

a rec +6 -29

kbd +4 +6 +4 +2

vla +14 C#-41 35 : 36 (+49c) C+43 -12 +37

a rec +5 C +16 +4 Db+5

kbd -10 I<sup>2</sup> (F# = G) +6

vla +16 Eb+37 27 : 28 (+63c) -2 -46 -4

a rec

kbd

vla

Db+5 -50 E+48 +10

+6 -4 -2 -4

Bb+39 Eb+37 65:64 (-27c) +10 IV<sup>2</sup>

-2 -4 -2 -6 -4 +10 -2 -6

a rec

kbd

vla

D

-2 -25 E#-6

-14 +8 +6 +10 +10

-6 -4 III B#-43 -8

a rec

kbd

vla

B#-4 Eb+42

III II

-23 -29 -2

attacca

B#-4 -8 Eb+42

-4 -8 -10 +2 +4

III II

-23 -29 -2

attacca

# Part II.

gentle, flowing along ♩ = 72

a rec  
A 392 Hz

semplice

semplice

8va

(bowing as written) II<sup>3</sup> II<sup>7</sup> II<sup>3</sup>

semplice

a rec

3

kbd

vla

a rec

5

kbd

vla

IV<sup>4</sup> IV<sup>5</sup>

\* Cent deviations as before.

7

a rec

kbd

vla

IV<sup>4</sup>

III<sup>3</sup>

9

a rec

kbd

vla

poco rit.....a tempo

*cantando*

11

a rec

kbd

vla

II<sup>3</sup>

13

a rec

kbd

vla

*espressivo*

15

rit.....

a rec

kbd

vla

16

a tempo

a rec

kbd

vla

*espressivo*

*dolce*

17

a rec

kbd

vla

5

3

5

3

3

IV<sup>2</sup>

19

a rec

kbd

vla

3

3

III<sup>5</sup>

3

21

a rec

kbd

vla

*colla parte (viola)*

III

II

*poco*

III

II

*poco*

23 **rall.....**

a rec

kbd

vla

25 **somewhat slower (6:5) ♩ ca. 60**

a rec

kbd

vla

27

a rec

kbd

vla