

MEMORY DUST

FOR BIG BAND AND COMPUTER

BY

DOUGLAS GEERS

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NOTES:

THIS WORK IS SCORED FOR A BIG BAND OF SAXES: 2, 2, 1; 4 TRUMPETS; TROMBONES: 3; 1 TUBA/BASS TROMBONE; PIANO, DRUMS, BASS, AND COMPUTER. THE COMPUTER PLAYS A SERIES OF HARMONIES, SYNTHESIZED AND CONTROLLABLE IN REAL TIME, USING AN INSTRUMENT CREATED BY THE COMPOSER IN THE MAX/MSP SOFTWARE ENVIRONMENT.

THE CHORDS ARE NUMBERED IN THE SCORE AND START TIMES ARE INDICATED. HOWEVER, IN PERFORMANCE ONE MAY CUE THEM A BIT (A FEW BEATS) EARLIER OR LATER IF THIS SEEMS MUSICALLY INTERESTING. THE SOFTWARE ALSO ALLOWS FOR SOME SIGNAL PROCESSING OF THE CHORDS, AND THE COMPUTER PERFORMER MAY IMPROVISE WITH THIS IF DESIRED.

TECHNICAL REQUIREMENTS:

- COMPUTER (MAC G4 OR BETTER)
- MAX/MSP SOFTWARE
- DOUGLAS GEERS BIG CHORDS SOFTWARE (AVAILABLE UPON REQUEST)
- RME HAMMERFALL MULTIFACE DIGITAL I/O UNIT OR EQUIVALENT
- PROFESSIONAL QUALITY MIXING BOARD
- STEREO AMPLIFIER
- SPEAKERS

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(TRANSPPOSED SCORE)

MEMORY DUST

FOR BIG BAND WITH COMPUTER

DOUGLAS GEERS

♩ = 60 **THE BIG BANG!** **SLIGHTLY WEAKER**

ALTO SAX 1
ALTO SAX 2
TENOR SAX 1
TENOR SAX 2
BARI SAX
TRUMPET 1
TRUMPET 2
TRUMPET 3
TRUMPET 4
TROMBONE 1
TROMBONE 2
TROMBONE 3
BASS TROMBONE
PIANO
BASS
DRUM KIT
COMPUTER

15VA
PED.
SUSP. CYMB.
TOMS
AD LIB. ENERGETIC FILLS
COMP. CHORD 1
COMP. CHORD 2
COMP. CHORD 3

ALTO 1
 ALTO 2
 TENOR 1
 TENOR 2
 BARI.
 TPT. 1
 TPT. 2
 TPT. 3
 TPT. 4
 TRB. 1
 TRB. 2
 TRB. 3
 S. TRB.

PNO. (SOLO)
 15MA 8VA
 QUASI-CADENZA, AD L. 16.
 PED.
 ACCEL. 15MA

BASS
 DRUMS SNARE
 COMP. CHORD 4

♩ = 180

PUNCHY, ELECTRIFIED

Musical score for a band, measures 19-24. The score includes parts for Alto 1, Alto 2, Tenor 1, Tenor 2, Baritone, Trumpets 1-4, Trombones 1-3, Bass Trombone, Piano, Bass, Drums, and Cymbals. The tempo is marked as ♩ = 180. The music is characterized by a "PUNCHY, ELECTRIFIED" sound. The score includes dynamics such as *ppp* and *mf*. The drum part is marked "RHYTHMS MIRROR HORNS, AD LIB. DRUMS IF DESIRED".

This musical score is arranged in a standard orchestral format. It includes parts for vocal soloists (Alto 1, Alto 2, Tenor 1, Tenor 2, Baritone) and a vocal ensemble (TPT. 1-5, TRB. 1-5, S. TRB.). The instrumental sections consist of a woodwind section (Flutes 1-5, Clarinets 1-5, Bassoon), a brass section (Trumpets 1-5, Trombones 1-5, Baritone), a string section (Violins, Violas, Cellos, Double Basses), and a percussion section (Piano, Drums, Cymbals). The score is written in 2/4 time and features a variety of musical notations, including dynamics (e.g., *mf*), articulation (accents, slurs), and performance instructions. The vocal parts have lyrics written below the notes. The instrumental parts include complex rhythmic patterns and melodic lines. The score is divided into measures, with bar lines and repeat signs indicating the structure of the music.

ALTO 1

ALTO 2

TENOR 1

TENOR 2

BARI.

TPT. 1

TPT. 2

TPT. 3

TPT. 4

TRB. 1

TRB. 2

TRB. 3

S. TRB.

PNO.

BASS

DRUMS

COPY.

The musical score is arranged in a standard orchestral format. It begins with a key signature of one sharp (F#) and a 3/4 time signature. The tempo is marked as 130 beats per minute. The score is divided into measures by bar lines, with a double bar line indicating a section change. The instruments listed on the left are Alto 1 and 2, Tenor 1 and 2, Baritone, Trumpets 1-4, Trombones 1-3 and Sub-Trombone, Piano, Bass, Drums, and Cymbals. The piano part is written in grand staff notation. The brass instruments (trumpets and trombones) have dynamic markings such as *mf* and *mf*. The drums part includes a section marked *(SWING)* and *SIMILE AD LIB.* with a repeat sign. The cymbals part is mostly rests.

ALTO 1

ALTO 2

TENOR 1

TENOR 2

BARI.

TPT. 1

TPT. 2

TPT. 3

TPT. 4

TRB. 1

TRB. 2

TRB. 3

S. TRB.

PNO.

SASS

DRUMS

CPRE.

MUTE ON

"SQUEAKY DOOR" SOUND: REPEAT AD LIB. TO M. 47

LIGHTLY

SLIGHTLY LOUDER

PEO.

41

ALTO 1

ALTO 2

TENOR 1

TENOR 2

42

BARI.

41

TPT. 1

42

TPT. 2

41

TPT. 3

41

TPT. 4

42

TREB. 1

42

TREB. 2

42

TREB. 3

42

S. TREB.

41

PNO.

42

42

SASS.

42

DRUMS

42

CPPE.

♩ = 150

0

GENTLY DRIFTING INTO CONTENTED SLEEP

DELICATELY

FRANTIC INTERRUPTION

ALTO 1

ALTO 2

TENOR 1

TENOR 2

BARI.

TPT. 1

TPT. 2

TPT. 3

TPT. 4

TREB. 1

TREB. 2

TREB. 3

S. TREB.

PNO.

BASS

DRUMS

CPTE.

MUTE ON

pp

COMP. CHORD 5

RHYTHMS MIRROR HORNS; AD LIB. DRUMS IF DESIRED

ALTO 1

ALTO 2

TENOR 1

TENOR 2

BARI.

TPT. 1

TPT. 2

TPT. 3

TPT. 4

TREB. 1

TREB. 2

TREB. 3

S. TREB.

PNO.

BASS

DRUMS

COMP. CHORD 7

COMP. CHORD 8

8VA

MUTE OFF

pp

ff

E

F

$\text{♩} = 130$

SEEDY LOUNGE JAZZ (THINK 'FEVER')

BIG BANG

ALTO 1
ALTO 2
TENOR 1
TENOR 2
BARI.
TPT. 1
TPT. 2
TPT. 3
TPT. 4
TRB. 1
TRB. 2
TRB. 3
S. TRB.

PNO.
PED.
BASS
DRUMS
CITE.

75

(SOLO) (SOLO) (SOLO)

COMP. CHORD 9 COMP. CHORD 10

G $\text{♩} = 135$
A BIT STRONGER

Musical score for a jazz ensemble. The score includes parts for Alto 1, Alto 2, Tenor 1, Tenor 2, Baritone, Trumpets 1-4, Trombones 1-3, Bass, Piano, Bass, Drums, and Cymbals. The tempo is marked as $\text{♩} = 135$ and the dynamic is *A BIT STRONGER*. The score features various musical notations such as *m^p*, *MUTE OFF*, *PED.*, and *BASS WALKS*. The piano part includes chord symbols like $\text{F}\sharp\text{7}$ and $\text{C}\sharp\text{7}$. The bass part includes the instruction *BASS WALKS*. The drum part includes the instruction *BASS WALKS*.

ALTO 1

ALTO 2

TENOR 1

TENOR 2

BARI.

TRP. 1

TRP. 2

TRP. 3

TRP. 4

TRB. 1

TRB. 2

TRB. 3

S. TRB.

PNO.

BASS

DRUMS

CPTR.

H

PEO.

CONTINUE GROOVE WITHOUT BASS

98

ALTO 1

ALTO 2

TENOR 1

TENOR 2

BARI.

TRP. 1

TRP. 2

TRP. 3

TRP. 4

TRB. 1

TRB. 2

TRB. 3

S. TRB.

PNO.

PEO.

BASS

DRUMS

CPRE.

108

ALTO 1

ALTO 2

TENOR 1

TENOR 2

BARI.

108

TPT. 1

108

TPT. 2

108

TPT. 3

108

TPT. 4

108

TRB. 1

108

TRB. 2

108

TRB. 3

108

S. TRB.

108

PNO.

108

SASS.

108

DRUMS

108

CPTR.

SOLO -- AD LIB. AS DESIRED

COMP. CHORO 15

K

PLAYFUL

Musical score for various instruments including ALTO 1, ALTO 2, TENOR 1, TENOR 2, BARI., TPT. 1, TPT. 2, TPT. 3, TPT. 4, TRB. 1, TRB. 2, TRB. 3, S. TRB., PNO., BASS, DRUMS, and CONTRA.

Measures 117-120 are shown. The score includes dynamic markings such as *mf* and *mp*, and performance instructions like "AD LIB. FILLS TO SIGNAL APPROACH TO M. 120" and "COMP. CHORD 15".

Musical score for a full orchestra and vocal ensemble, measures 105-109. The score includes parts for:

- ALTO 1
- ALTO 2
- TENOR 1
- TENOR 2
- BARI.
- TPT. 1
- TPT. 2
- TPT. 3
- TPT. 4
- TRB. 1
- TRB. 2
- TRB. 3
- S. TRB.
- PNO. (Piano)
- BASS
- DRUMS
- CPRE. (Cymbals)

The score is written in a key signature of one flat (B-flat) and a common time signature (C). The vocal parts (ALTO 1, ALTO 2, TENOR 1, TENOR 2, BARI.) feature melodic lines with various dynamics (e.g., *mf*, *mfz*) and articulation marks. The instrumental parts (TPT. 1-4, TRB. 1-3, S. TRB., PNO., BASS, DRUMS, CPRE.) provide harmonic support and texture. The piano part (PNO.) is mostly silent in these measures. The drum and cymbal parts are also mostly silent, with some cymbal activity indicated by the CPRE. part.

155

ALTO 1

ALTO 2

TENOR 1

TENOR 2

BARI.

TPT. 1

TPT. 2

TPT. 3

TPT. 4

TRB. 1

TRB. 2

TRB. 3

S. TRB.

PNO.

8VA

15VA

pp

mf

PEO.

PEO.

SASS

DRUMS

155

COMP. CHORO 17

COTE.

M

148

ALTO 1

148

ALTO 2

148

TENOR 1

148

TENOR 2

148

BARI.

148

TPT. 1

148

TPT. 2

148

TPT. 3

148

TPT. 4

148

TREB. 1

148

TREB. 2

148

TREB. 3

148

S. TREB.

148

PNO.

148

BASS

148

SOLO DURATION VARIABLE; SIGNAL ITS END WITH A SERIES OF FF FILLS LEADING TO CRASH AT M. 155

DRUMS

148

COMP. CHORD 19

148

COPY.

N

FREE IMPROV W. 155-167: MYSTERIOUS, NOIR MOOD

158

ALTO 1

158

ALTO 2

158

TENOR 1

158

TENOR 2

158

BARI.

158

TPT. 1

158

TPT. 2

158

TPT. 3

158

TPT. 4

158

TREB. 1

158

TREB. 2

158

TREB. 3

158

S. TREB.

158

PNO.

158

BASS

158

DRUMS

158

COMP. CHORD 20

158

CPTR.

0 ♩ = 120

♩ = 110

ALTO 1

ALTO 2

TENOR 1

TENOR 2

BARI.

TPT. 1

TPT. 2

TPT. 3

TPT. 4

TRB. 1

TRB. 2

TRB. 3

S. TRB.

PNO.

BASS

DRUMS

COPY.

MUTE ON

pp

mp

mf

mfz

NIENTE

COMP. CHORO 21

AD LIB. TOM FILL'S M. 176-179

♩ = 60 P ♩ = 120

ALTO 1
ALTO 2
TENOR 1
TENOR 2
BARI.
TPT. 1
TPT. 2
TPT. 3
TPT. 4
TRB. 1
TRB. 2
TRB. 3
S. TRB.
PNO.
BASS
DRUMS
COTE.