

Simple Machines

Composed by

CHRISTOPHER ZUAR

Simple Machines

*Commissioned by the International Society of
Jazz Composers and Arrangers*

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INSTRUMENTATION

Violin

Reed 1 - Piccolo Flute, Flute, Soprano Saxophone

Reed 2 - Alto Flute, Alto Saxophone

Reed 3 - (Bb) Clarinet, Tenor Saxophone

Reed 4 - Oboe , Tenor Saxophone

Reed 5 - Bass Clarinet, Baritone Saxophone

Trumpet/Flugelhorn 1-4

Trombone 1-3

Bass Trombone

Percussion:

Tambourine, Suspended Cymbal,

Egg Shaker, Triangle

Frame Drum/Ankle Bells

Dancer (foot percussion)

Mandolin

Hammered Dulcimer

Acoustic/Electric Guitar

Piano

Bass

Drums

DURATION: ca. 10' 30"

TRANPOSED SCORE

Simple Machines

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Jauntily - $\text{♩} = 84$

Violin

Reed 1

Piccolo Flute

Reed 2

Alto Flute

Reed 3

Clarinet

Reed 4

Tenor

Reed 5

Bass Clarinet

Trumpet 1

Trumpet 2

Trumpet 3

Trumpet 4

Trombone 1

Trombone 2

Trombone 3

Trombone 4

Hammered Dulcimer

Guitar

Electric

Mandolin

Piano

(alone)

mf

Bass

Drums

Aux Perc.

Frame Drum

Frame Drum
Ankle Bells

1

2

3

4

5

6

7

8

m_f	9	10	11	12	13	14	15	16
-------	---	----	----	----	----	----	----	----

17

Vln.

Picc.

A. Fl.

Cl.

Tenor

Bs. Cl.

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Tbn. 1

Tbn. 2

Tbn. 3

Tbn. 4

H. Dul.

Guitar

Mandolin

Pno.

Bass

Drums

Frame Drum

17 18 19 20 21 22 23 24

Vln. (lead w.w's)
 Picc.
 A. Fl. (-2)
 Cl. (-2)
 Tenor
 Bs. Cl. w/ bs. tbn.
 Tpt. 1
 Tpt. 2 (-2) to open
 Tpt. 3 (-2) to open
 Tpt. 4 (-2) to open
 Tbn. 1 (-2) to open
 Tbn. 2
 Tbn. 3
 Tbn. 4 w/ bs. cl.
 H. Dul. (-2)
 Gtr. (add 4)
 Mandolin
 Pno.
 Bass (add 4)
 Drums float - cymbals
 Frame Drum (bs.)

25 26 27 28 29 30 31 32 33 34

5

V.S.

This musical score page contains measures 42 through 49. The instrumentation includes Violin (Vln.), Piccolo (Picc.), Alto Flute (A. Fl.), Clarinet (Cl.), Tenor Saxophone (Tenor), Bass Clarinet (Bs. Cl.), Trumpets 1-4 (Tpt. 1-4), Trombones 1-4 (Tbn. 1-4), Horns (H. Dul.), Guitar, Mandolin, Piano (Pno.), Bass, Drums, and Frame Drum. The score features various musical notations such as notes, rests, and dynamic markings (e.g., *mp*, *mf*, *f*). Specific performance instructions include "begin solo" for the Tenor Saxophone, "solo" for the Horns, "loco" for the Piano, and "(tenor solo begins)" for the Tenor Saxophone, Bass, and Drums. Chord symbols like $G7(\sharp 9)$ and $F7(\sharp 9)$ are present. The key signature has one flat (B-flat), and the time signature changes from 4/4 to 3/4 at measure 48.

50

Vln. *mp* *f*

Pice. *mp* *f* to flute

A. Fl. *mp* *f*

Cl. *mp* *f*

Tenor *G7* *C7* *G7* *C7* *G7* *D7* *C7* *G7*

Bs. Cl. *mp* *f*

Tpt. 1 *mp* *f*

Tpt. 2 *mp* *f*

Tpt. 3 *mp* *f*

Tpt. 4 *mp* *f*

Tbn. 1 *mp* *f*

Tbn. 2 *mp* *f*

Tbn. 3 *mp* *f*

Tbn. 4 *mp* *f*

H. Dul.

Guitar *mp* *f*

Mandolin *mp* *f*

Pno. *F13(#9)* *Bb13(add 4)* *C7(#9)* *F13* *Bb7* *F7* *C7* *Bb7* *F7*

Bass *(figures 1st x o)* *F13(#9)* *Bb13(add 4)* *C7(#9)* *F13* *Bb7* *C7* *Bb7* *F7*

Drums *(figures 1st x o)*

Frame Drum *1st x o*

50 51 52 53 54 55 56 57 58 59 60 61

62	63	64	65	66	67	68	69	70	71
----	----	----	----	----	----	----	----	----	----

72 73 74 75 76 77 78 79

Vln. *f* *mf* *mf*

Fl. *f* to piccolo *mf* *mf*

A. Fl. *f* *mf* *mf*

Cl. *f* *mf* *mf*

Tenor *G7(#9)* *E^bMA7(#5)* *Fm13(b5)* *G7(#9)* *B^bMA13* *F⁶9* *A* *G[#]MA7(#5)* *D7(#9)* *G7(#9)* *E^bMA7(#5)* *Fm13(b5)* *G7(#9)* *B^bMA13* *F⁶9* *A* *G[#]MA7(#5)* *D7(#9)*

Bs. Cl. *f* *mf* w/ bs. tbn. *mf*

Tpt. 1 *f* *mf* unis

Tpt. 2 *f* *mf* unis

Tpt. 3 *f* *mf* unis

Tpt. 4 *f* w/ tbn's *mf*

Tbn. 1 *f* *mf*

Tbn. 2 *f* *mf*

Tbn. 3 *f* *mf*

Tbn. 4 *f* *mf*

H. Dul. *mf*

Guitar *f* *mf*

Mandolin *f* w/ w.w.'s *mf*

Pno. *f*

Bass *f*

Drums Rockin'! choke

Aux Perc. *mf* Tambourine

Frame Drum

80 81 82 83 84 85 86 87 88 89

Vln. *f* *mf* *sfz* *ff* *ord.*

Picc. *f* *sfz* *ff* *ord.*

A. Fl. *f* *mf* *sfz* *ff* *ord.*

Cl. *f* *mf* *sfz* *ff* *ord.*

Tenor *A² C[#] (end)* *mp* *mf* *f* *D7^{#11} fill*

Bs. Cl. *f* *ffz* *mf* *f* *sfz* *ff*

Tpt. 1 *f* *ffz* *mp* *mf* *f* *sfz* *ff*

Tpt. 2 *f* *ffz* *mp* *mf* *f* *sfz* *ff*

Tpt. 3 *f* *ffz* *mp* *mf* *f* *sfz* *ff*

Tpt. 4 *f* *ffz* *mp* *mf* *f* *sfz* *ff*

Tbn. 1 *f* *ffz* *mf* *f* *sfz* *ff*

Tbn. 2 *f* *ffz* *mf* *f* *sfz* *ff*

Tbn. 3 *f* *ffz* *mf* *f* *sfz* *ff*

Tbn. 4 *f* *ffz* *mf* *f* *sfz* *ff*

H. Dul. *f* *mf* *opt. 8va* *solo* *(loco)*

Guitar *f* *ffz* *mp* *mf* *f* *sfz* *ff* *w/ tbn's*

Mandolin *f* *mf* *w/ vln.* *sfz* *ff*

Pno. *w/ w.w.'s* *(-3)* *(-3)*

Bass *C_D^b* *mf* *f* *8va* *(loco)*

Drums *(brass)* *(w.w.'s)* *cymbals* *(h.h.)* *(tbn's)*

Frame Drum

The image displays a page from a musical score, specifically measures 90 through 99. The score is written for a large ensemble, including various woodwinds, brass, strings, and percussion. The key signature is one flat (B-flat major or D minor), and the time signature is common time (C). The score is divided into measures, with measure numbers 90, 91, 92, 93, 94, 95, 96, 97, 98, and 99 clearly marked at the bottom. The notation includes a variety of musical symbols, such as notes, rests, dynamic markings (mf, fp, f, mp, p), and performance instructions (e.g., "w/ trpt", "w/ tbn", "to oboe", "to acoustic (steel or nylon)", "to bow", "to brushes", "to triangle"). The score is written in a standard musical notation style, with staves for each instrument and a common time signature. The page number 90 is visible in the top left corner, and the page number 96 is visible in the top right corner.

Vln.

Picc.

A. Fl.

Cl.

Tenor

Bs. Cl.

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Tbn. 1

Tbn. 2

Tbn. 3

Tbn. 4

H. Dul.

Guitar

Mandolin

Pno.

Bass

Drums

Dancer

100

101

102

103

104

105

106

107

108 109 110 111 112 113 114 115 116

Vln.

Picc.

A. Fl.

Cl.

Tenor

Bs. Cl.

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Tbn. 1

Tbn. 2

Tbn. 3

Tbn. 4

H. Dul.

Guitar

Mandolin

Pno

Bass

Drums

Aux Perc.

Dancer

117

Vln.

Picc.

A. Fl.

Cl.

Ob.

Bs. Cl.

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Tbn. 1

Tbn. 2

Tbn. 3

Tbn. 4

H. Dul.

Guitar

Mandolin

Pno.

Bass

Drums

Dancer

to Soprano Saxophone

to Alto Saxophone

to Tenor Saxophone

to Tenor Saxophone

to Bari Saxophone

solo

E²₄

AMA⁹

F[#]_{mi}11

B⁹_{sus}

B⁷/_D[#]

E²

E²/_G[#]

AMA⁹

/G[#]

F[#]_{mi}11

B⁹_{sus}

G[#]7(^b9)/B[#]

C[#]_{mi}7

E²/_G[#]

AMA⁹

F[#]_{mi}11

B⁹_{sus}

G[#]7(^b9)/B[#]

C[#]_{mi}7

E²/_G[#]

AMA⁹

/G[#]

F[#]_{mi}11

B⁹_{sus}

B⁷/_D[#]

(mandolin solo)

E²₄

AMA⁹

F[#]_{mi}11

B⁹_{sus}

B⁷/_D[#]

E²

E²/_G[#]

AMA⁹

/G[#]

F[#]_{mi}11

B⁹_{sus}

G[#]7(^b9)/B[#]

C[#]_{mi}7

E²/_G[#]

AMA⁹

F[#]_{mi}11

B⁹_{sus}

G[#]7(^b9)/B[#]

C[#]_{mi}7

E²/_G[#]

AMA⁹

/G[#]

F[#]_{mi}11

B⁹_{sus}

B⁷/_D[#]

(mandolin solo)

(mandolin solo)

117

118

119

120

121

122

123

124

[illegible]

140

The musical score for measures 141-148 is presented with a detailed harmonic chart above the staves. The chart includes the following information:

- Measure 141:** Vln. (solo, bar 3 of form), FMA⁹, B^b₉⁶, /A, Gmi¹¹, C⁹_{sus}, A7^(#9)/C[#], Dmi⁹, F²/A, B^bMA⁹, Gmi¹¹, C⁹_{sus}, A7^(b9)/C[#], Dmi⁹, F²/A, B^bMA⁹, /A, Gmi¹¹, C⁹_{sus}, C⁷/E.
- Measure 142:** Vln. (solo), FMA⁹, B^b₉⁶, /A, Gmi¹¹, C⁹_{sus}, A7^(#9)/C[#], Dmi⁹, F²/A, B^bMA⁹, Gmi¹¹, C⁹_{sus}, A7^(b9)/C[#], Dmi⁹, F²/A, B^bMA⁹, /A, Gmi¹¹, C⁹_{sus}, C⁷/E.
- Measure 143:** Vln. (solo), FMA⁹, B^b₉⁶, /A, Gmi¹¹, C⁹_{sus}, A7^(#9)/C[#], Dmi⁹, F²/A, B^bMA⁹, Gmi¹¹, C⁹_{sus}, A7^(b9)/C[#], Dmi⁹, F²/A, B^bMA⁹, /A, Gmi¹¹, C⁹_{sus}, C⁷/E.
- Measure 144:** Vln. (solo), FMA⁹, B^b₉⁶, /A, Gmi¹¹, C⁹_{sus}, A7^(#9)/C[#], Dmi⁹, F²/A, B^bMA⁹, Gmi¹¹, C⁹_{sus}, A7^(b9)/C[#], Dmi⁹, F²/A, B^bMA⁹, /A, Gmi¹¹, C⁹_{sus}, C⁷/E.
- Measure 145:** Vln. (solo), FMA⁹, B^b₉⁶, /A, Gmi¹¹, C⁹_{sus}, A7^(#9)/C[#], Dmi⁹, F²/A, B^bMA⁹, Gmi¹¹, C⁹_{sus}, A7^(b9)/C[#], Dmi⁹, F²/A, B^bMA⁹, /A, Gmi¹¹, C⁹_{sus}, C⁷/E.
- Measure 146:** Vln. (solo), FMA⁹, B^b₉⁶, /A, Gmi¹¹, C⁹_{sus}, A7^(#9)/C[#], Dmi⁹, F²/A, B^bMA⁹, Gmi¹¹, C⁹_{sus}, A7^(b9)/C[#], Dmi⁹, F²/A, B^bMA⁹, /A, Gmi¹¹, C⁹_{sus}, C⁷/E.
- Measure 147:** Vln. (solo), FMA⁹, B^b₉⁶, /A, Gmi¹¹, C⁹_{sus}, A7^(#9)/C[#], Dmi⁹, F²/A, B^bMA⁹, Gmi¹¹, C⁹_{sus}, A7^(b9)/C[#], Dmi⁹, F²/A, B^bMA⁹, /A, Gmi¹¹, C⁹_{sus}, C⁷/E.
- Measure 148:** Vln. (solo), FMA⁹, B^b₉⁶, /A, Gmi¹¹, C⁹_{sus}, A7^(#9)/C[#], Dmi⁹, F²/A, B^bMA⁹, Gmi¹¹, C⁹_{sus}, A7^(b9)/C[#], Dmi⁹, F²/A, B^bMA⁹, /A, Gmi¹¹, C⁹_{sus}, C⁷/E.

The score includes the following instruments and parts:

- Vln. (Violin)
- Sop. (Soprano)
- Alto
- Tenor
- Tenor
- Bari (Baritone)
- Tpt. 1 (Trumpet 1)
- Tpt. 2 (Trumpet 2)
- Tpt. 3 (Trumpet 3)
- Tpt. 4 (Trumpet 4)
- Tbn. 1 (Tuba 1)
- Tbn. 2 (Tuba 2)
- Tbn. 3 (Tuba 3)
- Tbn. 4 (Tuba 4)
- H. Dul. (Horn/Double Bass)
- Guitar
- Mandolin
- Pno. (Piano)
- Bass
- Drums
- Dancer

157

Simple Machines

Molto rit. (♩ = ♩) ♩ = 168

160 $G^b \frac{7}{F}$ (F phrygian) $F^{(b2)}$ $F \frac{7}{E^b}$ $D^b MA^7 (\#5)$ $G^b \frac{7}{C}$ $F^{b2} \frac{7}{A}$ $G^b \frac{7}{F}$ $F^{(b2)}$ $F \frac{7}{E^b}$ $D^b MA^7 (\#5)$ $G^b \frac{7}{C}$

Vln. F^6 $F^\#$

Sop. sfz f (-1) to Piccolo

Alto sfz f (-1) to Alto Flute

Tenor sfz f (-1) to Clarinet

Tenor sfz f (-1) to Oboe

Baritone mf f w/ bs. mf to Bass Clarinet

Tpt. 1 sfz f (-1) to harmon

Tpt. 2 sfz f (-1) to bucket

Tpt. 3 sfz f (-1)

Tpt. 4 sfz f (-1) to Flugelhorn

Tbn. 1 sfz f (-1) to cup

Tbn. 2 sfz f (-1) to cup

Tbn. 3 sfz f (-1) to cup

Tbn. 4 sfz f w/ bs. (-1) to cup

H. Dul. f (-1)

Guitar mf (-1)

Mandolin mf (-1)

Pno. mf

Bass F^6 $F^\#$ float sfz mf δ^{ma} loco δ^{ma} loco

Drums mf

Aux Perc. [Sus Cymbal] (l.v.) [Egg Shaker] mf

Dancer [Frame Drum] mf

158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173

col legno, battuto

174

Vln.

Picc.

A. Fl.

Cl.

Ob.

Bs. Cl.

Tpt. 1.

Tpt. 2.

Tpt. 3.

Tpt. 4.

Tbn. 1.

Tbn. 2.

Tbn. 3.

Tbn. 4.

H. Dul.

Guitar.

Mandolin.

Pno.

Bass.

Drums.

Aux Perc.

Frame Drum.

(ankle bells 2nd x)

174 175 176 177 178 179 180 181 182 183 184 185 186 187 188

189

Vln.

Picc.

A. Fl.

Cl.

Ob.

Bs. Cl.

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Tbn. 1

Tbn. 2

Tbn. 3

Tbn. 4

H. Dul.

Guitar

Mandolin

Pno.

Bass

Dancer

Aux Perc.

Frame Drum

189 190 191 192 193 194 195 196 197 198 199 200 201 202

(♩ = ♩) Jauntily - ♩ = 84

203

Vln.

Picc.

A. Fl.

Cl.

Ob.

Bs. Cl.

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Tbn. 1

Tbn. 2

Tbn. 3

Tbn. 4

H. Dul.

Guitar

Mandolin

Pno.

Bass

Dancer

Aux Perc.

Frame Drum

211

212

213

214

215

216

217

218

221

Vln.

Picc.

A. Fl.

Cl.

Tenor

Bs. Cl.

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Tbn. 1

Tbn. 2

Tbn. 3

Tbn. 4

H. Dul.

Guitar

Mandolin

Pno

Bass

Drums

Frame Drum

*G⁶
A^{b6} fill*

pick at shape

*F⁶
G^{b6} float*

float - cymbals

pluck

mp

mp

mp

bell

scrape w/ back of brush

Cymbal

Egg

219 220 221 222