

*Bebop in the
Forest of
Lonely
Rhythms*

For flute and interactive electronics

*By Jon Christopher Nelson
2012*

Program Notes:

Bebop in the Forest of Lonely Rhythms (2011-12, dur. circa 13:30”) for flute and interactive electronics was commissioned by Elizabeth McNutt. This work, inspired by a Robert Gregory poem, explores sonic ideas involving wind and metal. In addition to sampled audio, the composition makes extensive use of physical modeling of metal plates and flute multiphonics. This gestural work capitalizes on McNutt’s virtuosic capabilities.

Performance Notes:

W.T. = whistle tone

TR = Tongue Ram

Feathered Beaming = unmeasured accelerando or ritardando applied to each gesture. In the final section of the composition these directives are applied to tremelando speed.

Although a performer may choose to perform *Bebop in the Forest of Lonely Rhythms* using a pedal to advance from one technical cue to another, the composer recommends having a technician on hand to advance cues manually and adjust levels during performance. Technical cues are indicated in the score as numbers within triangles. Cues 1-5 trigger the playback of longer pre-recorded audio files within the patch and also control reverberation parameters. Cues 6-10 control a variety of electronic responses ranging from algorithmically generated playback of short, pre-recorded flute gestures, randomly controlled digital effects for the live flute and the pre-recorded gestures, and the playback of longer pre-recorded audio files. Prior to starting the work the technician should make sure that microphone levels into the patch are strong. Please adjust the note onset threshold to ensure that note onsets will be sensed adequately. Onset sensing is critical for controlling the live effects.

Bebop in the Forest of Lonely Rhythms

for flute and interactive electronics

Jon Christopher Nelson

1 30"
reverberant hit in electronics

$\text{♩} = 120$
Agitato

f *ff*

6 *Nervosa*
mp *p* *fp* *f* *mp* *f*

12 *mp* *f* *mf* *mp* *f*

18 *mp* *f* *mp*

23 *mf* *f* *mp* *f* *mp*

28 *p* *mf* *f* *mp* *f*

33 2
mp *f* *fp* *f* *mp* *mf*

39 *mp* *f* *mp* *f* *mp* TR

45 *f* *mp* *mf* TR TR

50 *ff* *mp* *f* *f* *mp* TR TR

55 *ff* *f* *mp* *f* TR

60 *mp* *f* *mp* *f* TR TR

66 *mf* *mp* TR 3

71 *f* *ff* TR

75 *mp* *f* *mf* *f* *mp* *ff*
TR TR

80 *fp* *f* *mp* *mf* *ff* *mf* *f*
TR 4

86 *mp* *mf* *f*
TR TR TR

92 *ff* *mf* *f*
TR

96 *ff* *mp* *f*
TR TR TR

100 *ff* *f* *mp*
TR TR TR TR

Bebop in the Forest of Lonely Rhythms

104 *ff* *mf* *f* *fp* *ff*

TR TR TR

Musical staff 104-108: Treble clef, key signature of one sharp (F#). Measures 104-108. Dynamics: *ff*, *mf*, *f*, *fp*, *ff*. Performance markings: TR (trill) boxes above measures 104, 106, and 108. Slurs and accents are present. A 4-measure slur is under measures 106-109.

109 *mf* *f* *ff*

TR

Musical staff 109-112: Treble clef, key signature of one sharp (F#). Measures 109-112. Dynamics: *mf*, *f*, *ff*. Performance markings: TR box above measure 110. Slurs and accents are present. A 7:5 ratio is indicated above measure 109. A 4-measure slur is under measures 111-114.

113 *mf* *f* *mp* *f* *mp* *f* *mf*

TR TR

Musical staff 113-117: Treble clef, key signature of one sharp (F#). Measures 113-117. Dynamics: *mf*, *f*, *mp*, *f*, *mp*, *f*, *mf*. Performance markings: TR boxes above measures 114 and 115. Slurs and accents are present. A 3-measure slur is under measures 114-116.

118 *ff* *mp* *f* *mp* *mf* *mp* *f* *mp*

Musical staff 118-122: Treble clef, key signature of one sharp (F#). Measures 118-122. Dynamics: *ff*, *mp*, *f*, *mp*, *mf*, *mp*, *f*, *mp*. Performance markings: Slurs and accents are present. A 3-measure slur is under measures 118-120.

123 *p* *mf* *pp* *mf*

TR 5 TR TR 20-25"

Musical staff 123-127: Treble clef, key signature of one sharp (F#). Measures 123-127. Dynamics: *p*, *mf*, *pp*, *mf*. Performance markings: TR boxes above measures 125, 126, and 127. A triangle with the number 5 is above measure 125. A 20-25" marking is above measure 127. Slurs and accents are present.

W.T. *Tranquilo* Bebop in the Forest of Lonely Rhythms

begin after hearing Bb in electronics

131

W.T. TR

mp *sfz*

3

138

W.T. TR

mp *sfz*

145

mp

152

W.T. TR

mp *sfz*

159

p *mp*

167

3

173

3

Bebop in the Forest of Lonely Rhythms

179

p *mp*

Staff 179-185: Treble clef, 6/8 time signature. Measures 179-185. Dynamics: *p* (measures 179-185), *mp* (measures 181-185). Includes triplets and slurs.

186

pp *p* *mp*

Staff 186-192: Treble clef, 6/8 time signature. Measures 186-192. Dynamics: *pp* (measures 186-192), *p* (measures 188-192), *mp* (measures 190-192). Includes slurs.

193

p

Staff 193-198: Treble clef, 6/8 time signature. Measures 193-198. Dynamics: *p* (measures 193-198). Includes triplets and slurs.

199

ord. W.T. *ff* *p*

Staff 199-205: Treble clef, 6/8 time signature. Measures 199-205. Dynamics: *ff* (measures 199-205), *p* (measures 201-205). Includes slurs and accents.

206

6 *Furioso* ord. *Calma* W.T. *ff* *p* *pp*

Staff 206-211: Treble clef, 6/8 time signature. Measures 206-211. Dynamics: *ff* (measures 206-211), *p* (measures 208-211), *pp* (measures 210-211). Includes slurs and accents.

212

ord. *Furioso* *Calma* W.T. *Furioso* ord. *Calma* W.T. *ff* *p* *ff* *pp*

Staff 212-216: Treble clef, 6/8 time signature. Measures 212-216. Dynamics: *ff* (measures 212-216), *p* (measures 214-216), *ff* (measures 215-216), *pp* (measures 216-216). Includes slurs and accents.


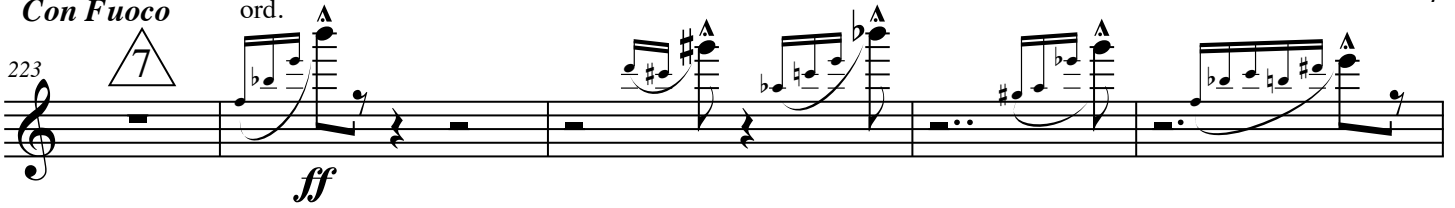
217

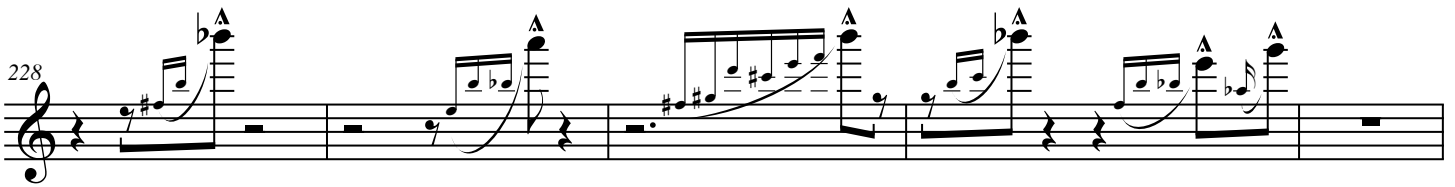
ppp 5-10"

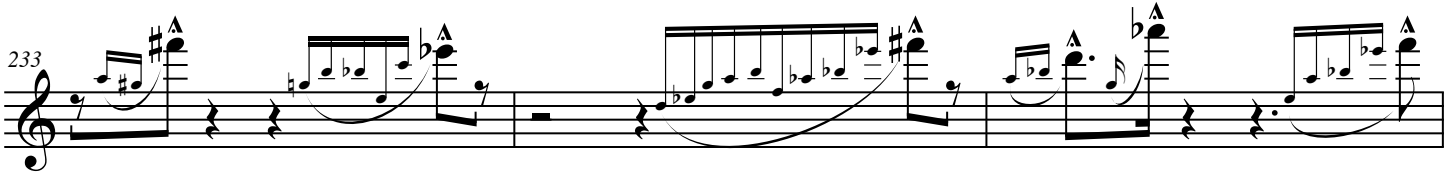
Staff 217-222: Treble clef, 6/8 time signature. Measures 217-222. Dynamics: *ppp* (measures 217-222). Includes slurs and a fermata.

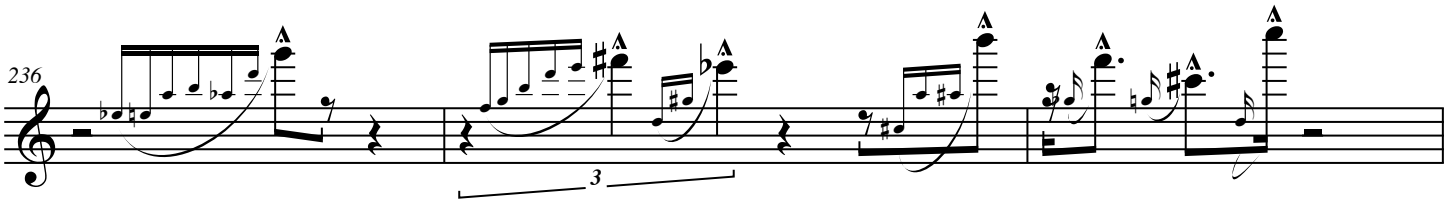
Moderato (♩ = c. 108)
Con Fuoco

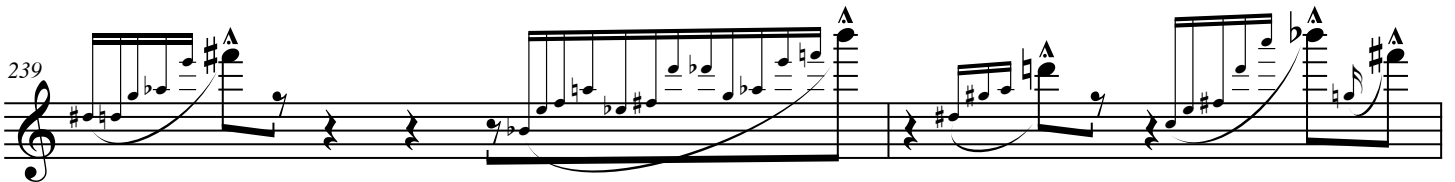
Bebop in the Forest of Lonely Rhythms

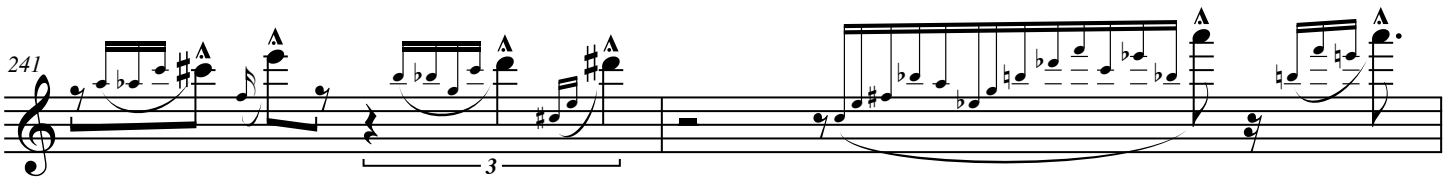
223  ord.  *ff*

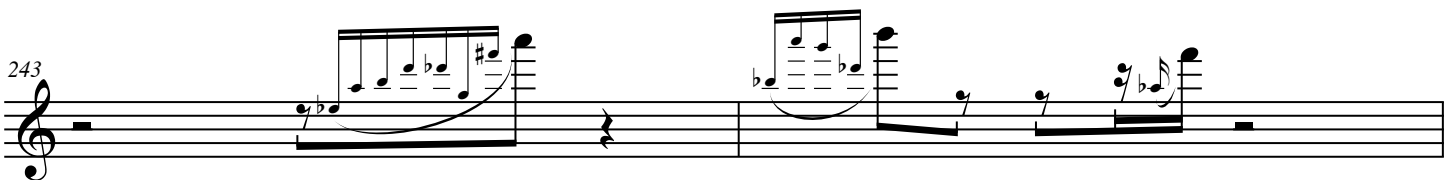
228 

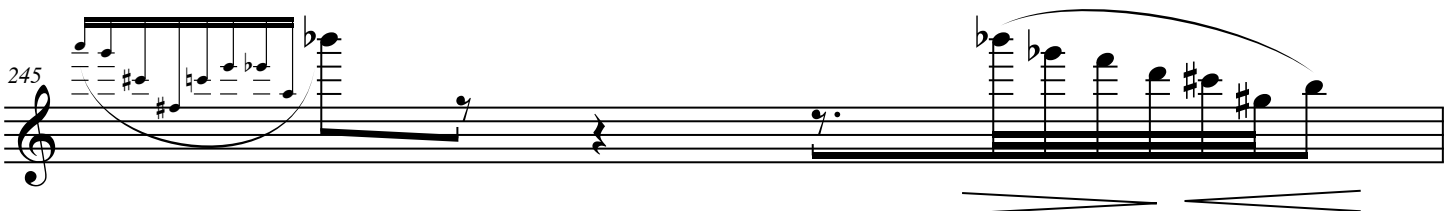
233 

236 

239 

241 

243 

245 

8 play as fast as possible
with little break between
gestures

Bebop in the Forest of Lonely Rhythms

246 Musical staff 246: Treble clef, 8 notes with a slur and a fermata. Dynamics: *mp*.

247 Musical staff 247: Treble clef, 8 notes with a slur and a fermata. Dynamics: *f*.

248 Musical staff 248: Treble clef, 8 notes with a slur and a fermata. Dynamics: *mf*, *ff*, *mp*.

249 Musical staff 249: Treble clef, 8 notes with a slur and a fermata. Dynamics: *f*.

250 Musical staff 250: Treble clef, 8 notes with a slur and a fermata. Dynamics: *ff*, *mf*, *ff*, *f*.

251 Musical staff 251: Treble clef, 8 notes with a slur and a fermata. Dynamics: *mf*.

252 Musical staff 252: Treble clef, 8 notes with a slur and a fermata. Dynamics: *f*.

253 Musical staff 253: Treble clef, 8 notes with a slur and a fermata.

254 *mf* *ff* *mp* *f*

255

256 *mp* *f* *ff* *mf* *f*

257 *mf* *f*

258 *mp* *f* *mf*

258 *f* *mp* *f* *ff* *mf*

260 *mp* *mf* *ff* *mf* *mp* *f*

261 *p* *ff* *mp*

262 *f* *mf* *mp* *f* *ff*

263 *mf* *f* *mf* *f* *ff*

264 *mp* *ff* *mp* *f* *mp*

gradually increase space between gestures, slowing pace

265 *ff* *f* *mp* *f* *sfz* *sfz* *p*

8

266 *f* *sfz* *mp* *f* *p* *f* *sfz*


267 *mf* *ff* *sfz* *mp*

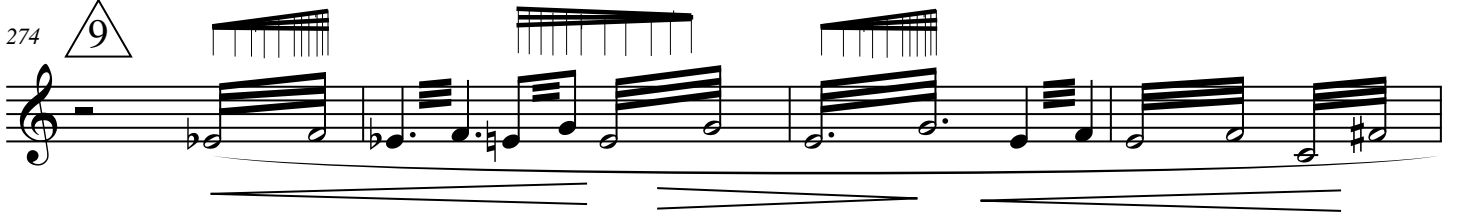
Moderato (♩ = c. 108)

270 *sfz* *f* *mp*

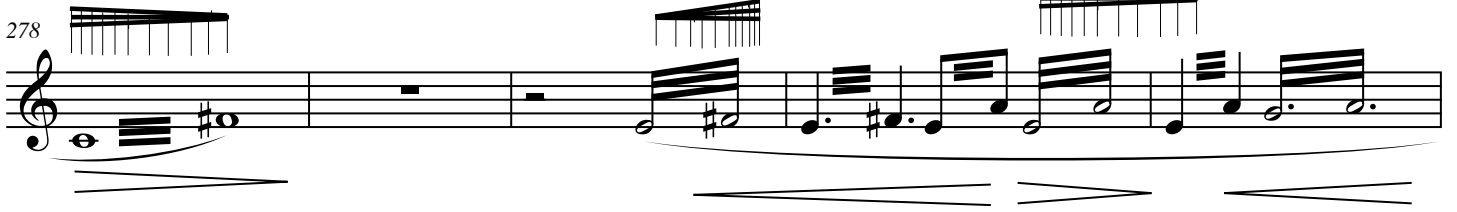
Tranquilo

5-10"

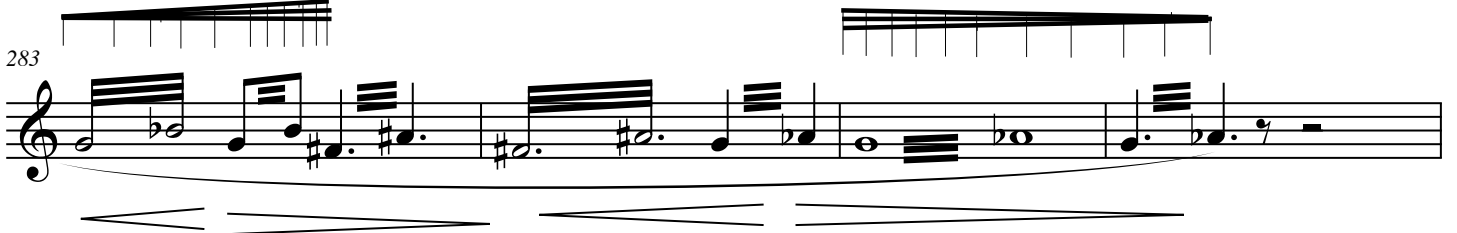
274 



278

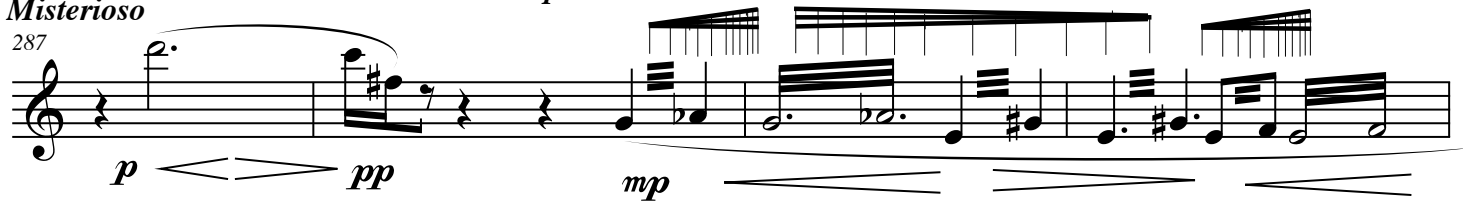


283



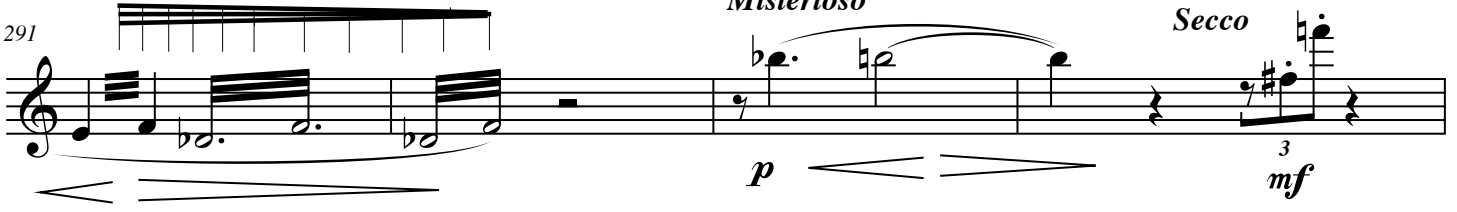
Misterioso *Tranquilo*

287



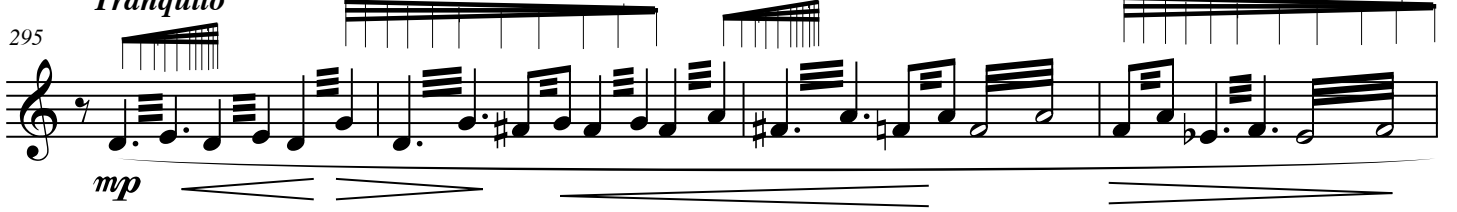
291

Misterioso *Secco*



Tranquilo

295



Bebop in the Forest of Lonely Rhythms

299

Misterioso *Tranquilo*

p *mf* *mp*

303

306

Secco *Tranquilo*

mf *mp*

309

313

316

p *pppp*