

Steve Forman

Cryptanalysis

cryptanalysis /?kript??nal?s?s/
noun

the art or process of deciphering coded messages without being told the key.

Ensemble for Solo Percussion:

Marimba

Vibraphone

Cymbal

Wind Gong

Tapan



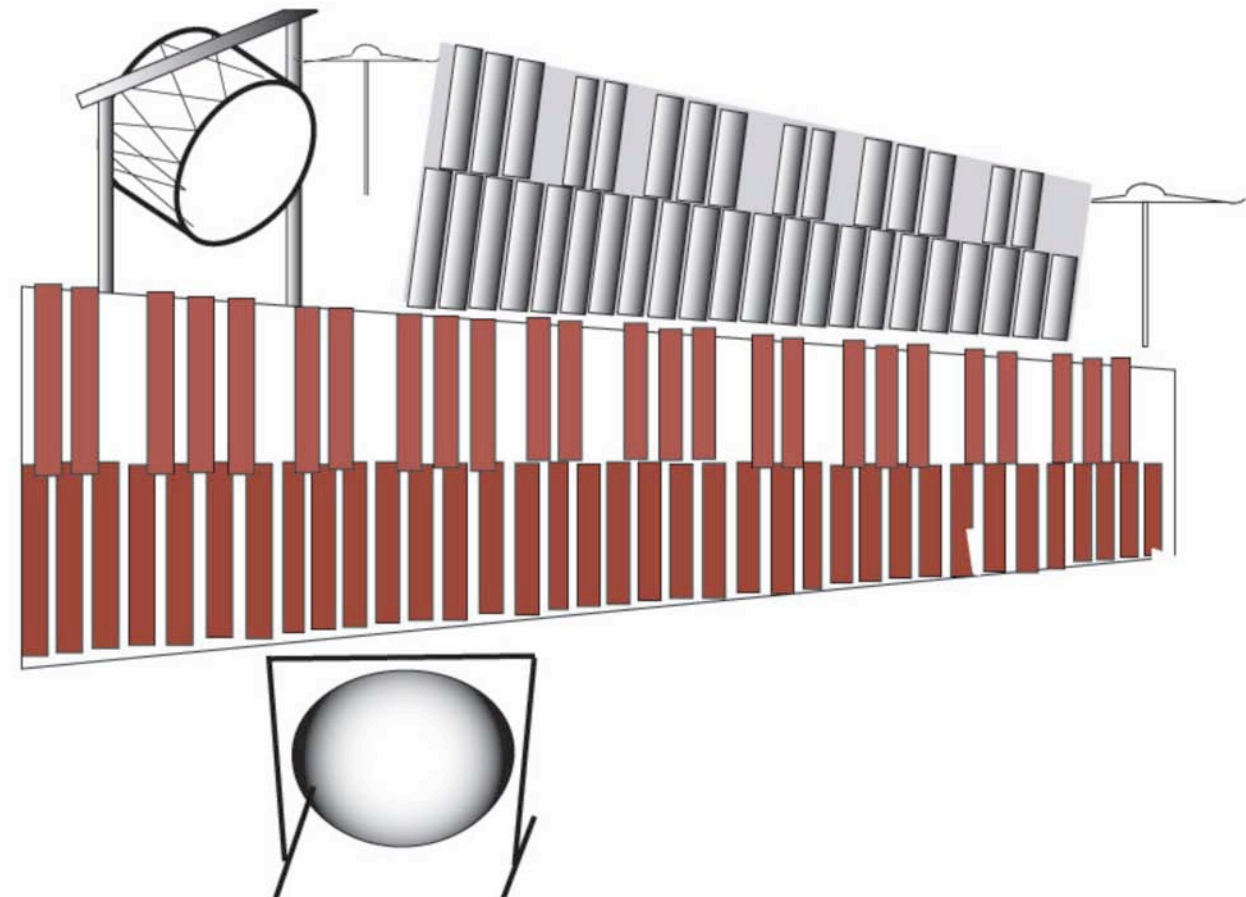
Cryptanalysis

For Percussion

Vibraphone (Pedal fixed down, no motor).
 Marimba - 5 8vas C-C.
 Tapan (aka Davul), a goatskin bass drum;
 or brekete, a North African goatskin bass snare drum.
 Medium thin suspended cymbal
 Optional: A large, thin, rivet cymbal
 Wind Gong, =/ < 20", scraped with metal
Consider taping a thin triangle beater to the shaft of one or more mallets for gong scrapes

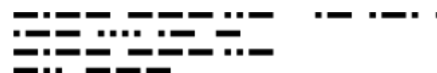
Dynamics and tempi are only suggestions;
 please feel free to take wide liberties

Duration: About 8:00



= dampen vibra with mallet on next marimba note

= very slight pause



Transition bar line from metric to spacial/proportional notation

Transition from proportional notation to metrical

225

227

accel. poco a poco

Cryptanalysis

Steve Forman

♩ = 78 (♩ = 117 ♩ = 224)

Vibraphone Pedal down sempre

Vibraphone

Marimba

Perc.

Vib.

Mrb.

Perc.

6 7 8 9 10

a tempo

sus. cymb.

Tapan

11 12 13 14 15

Vib.

Mrb.

Perc.

16 17 18 19

Vib.

Mrb.

Perc.

20 21 22 23

Vib.

Mrb.

Perc.

sus. cymb2

Tapan

24 25 26 27 28

Vib.

Mrb.

Perc.

Tapan

sus. cymb.

mp

mf

29 30 31 32 33 34

Vib.

Mrb.

Perc.

mf

35 36 37 38 39 40

Vib.

Mrb.

Perc.

mf

41 42 43 44 45

Vib.

Mrb.

Perc.

46 47 48 49

Vib.

Mrb.

Perc.

f

50 51 52 53 54

Vib.

Mrb.

Perc.

mf

55 56 57 58 60 61

Vib.

Mrb.

Perc.

sus. cymb.

L.V.

Tapan

62 63 64 65 66

Vib.

Mrb.

Perc.

67 68 69 70 71

Vib.

Mrb.

Perc.

sus. cymb.

f

mf

f

sfz

72 73

Vib.

Mrb. *mf*

Perc.

74 75 76

Vib.

Mrb. *mp*

Perc. *p* *mf*

77 78

Vib.

Mrb. *mf*

Perc. *mp* *cresc.*

79 80 81 82

Vib.

Mrb.

Perc.

f *ff* *mf*

83 84 85 86

Vib.

Mrb.

Perc.

mp *f* *sfz*

87 88 89 90 91 92

Vib.

Mrb.

Perc.

mf

93 94 95 96 97

Vib.

Mrb. *mp*

Perc.

98 99 100 101

Vib.

Mrb.

Perc.

102 103 104 105 106

Vib.

Mrb.

Perc.

107 108 109 110 111

Vib.

Mrb.

Perc. 107 108 109 110 111 Tapan

112 113 114 115 116 117

Vib.

Mrb.

Perc. 112 113 114 115 116 117 *cresc.*

118 119 120

Vib.

Mrb.

Perc. 118 119 120 *mp*

121 122 123 124 125 126 127

Vib.

Mrb. *subito f*

Perc. *mf* sus. cymb. Tapan *mf* *p*

128

129 130 131 132

Vib.

Mrb. *mp* *cresc.* 3

Perc.

133

134 135 136

Vib.

Mrb. 5 7 7

Perc. 133 135 136

137 138 139 140 141

Vib.

Mrb. *ff* *dim. poco a poco*

Perc.

142 143 144 145 146 147 148

Vib. *Pensive, Contemplative... very freely* $\text{♩} = < 114$

Mrb. *mp*

Perc. *Wind Gong Scrape* *p* $\text{p} \leftarrow \text{mp}$

149 150

Vib.

Mrb.

Perc.

14

151

152

153


Vib. 

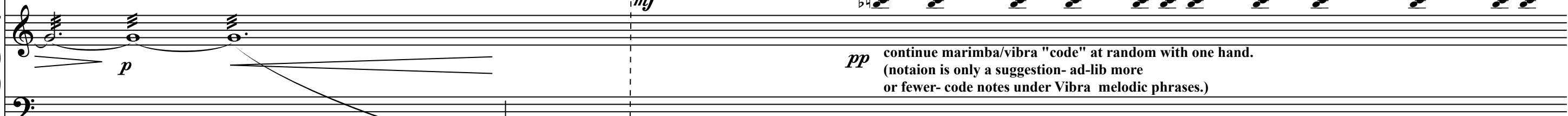
Mrb. 

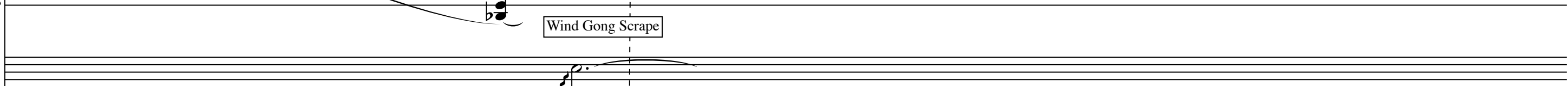
Perc. 

one hand;

154


Vib. 

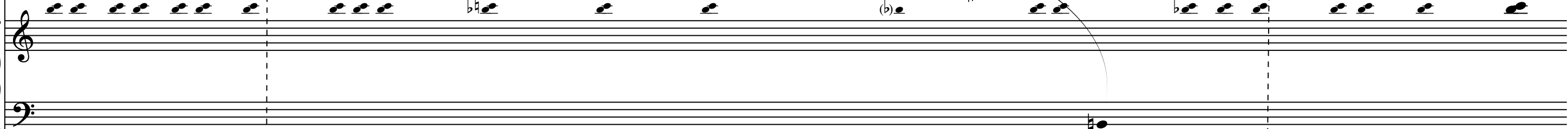
Mrb. 

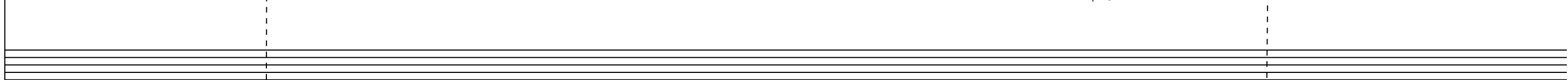
Perc. 

155

156

Vib. 

Mrb. 

Perc. 

157

Vib.

Mrb.

Perc.

almost arbitrarily

accel. poco a poco

158

159

Vib.

Mrb.

Perc.

cresc. poco a poco

160

161

Vib.

Mrb.

Perc.

16
162 163 164 165

Vib. *a tempo* ♩ = 76

Mrb. *accel.*

Perc.

166 167 168 169 170 171

Vib.

Mrb. *fp* *ff* *a tempo*

Perc. *sfz* *p* *f*

172 173 174 175 176

Vib. *more slowly*

Mrb. *poco accel.* *molto rit.* *mf*

Perc. *ff* Tapan

177 178 179 180

Vib.

Mrb.

Perc.

181 182 183 184 185

Vib.

Mrb.

Perc.

Tapan

cresc.

mf

186 187 188 189 190

Vib.

Mrb.

Perc.

f

sfz

poco piu mosso

$\text{♩} = 78$

191 192 193 194

Vib.

Mrb.

Perc.

195 196 197 198 199

Vib.

Mrb.

Perc.

200 201 202 203 204 205

Vib.

Mrb.

Perc.

ff

p

mf

f

very precise: "Morse code"

206 207 208 209 210 211

Vib.

Mrb. *very gradual diminuendo to end*

Perc.

212 213 214 dampen vibra. on marimba notes

Vib.

Mrb. *mp*

Perc.

216 217 218 219 220 221 222 223

Vib.

Mrb.

Perc. *pp* L.V.