153

8

sim.

sim.

sim.

sim.

ff

ff

ff

I

VI

158

8

I. picc.

I

I.

II

I

Ob.

II

C. ingl.

Cl. picc.

I

Cl.

II

Cl. b.

sim.

tr *

ff

tr *

ff

sim.

tr *

sim.

sim.

tr *

ff

tr

tr *

ff

tr

tr

tr

tr

T-tam

tremolo 2 bacch. di timp.

p

cresc.

Vibr.

Archi

P
Table 1

	Rotational Groups												Prime Forms												X/JI Forms											
												Order Positions	0	1	2	3	4	5	6	7	8	9	A	B	0	1	2	3	4	5	6	7	8	9	A	B
1	1	6	B										0	B	2	3	4	5	1	7	8	9	A	6	0	6	2	3	4	5	B	7	8	9	A	1
2	2	6	A										0	1	A	3	4	5	2	7	8	9	6	B	0	1	6	3	4	5	A	7	8	9	2	B
3	3	6	9										0	1	2	9	4	5	3	7	8	6	A	B	0	1	2	6	4	5	9	7	8	3	A	B
4	4	6	8										0	1	2	3	8	5	4	7	6	9	A	B	0	1	2	3	6	5	6	7	4	9	A	B
5	5	6	7										0	1	2	3	4	7	5	6	8	9	A	B	0	1	2	3	4	6	7	5	8	9	A	B
6	2	3	5	8	A	B	(1	2	4	7	9	A)	1	5	2	4	3	6	7	B	9	8	A	0	B	0	2	4	3	1	5	6	9	8	A	7
7	2	3	6	7	A	B	(1	2	5	6	9	A)	1	6	2	4	5	3	B	8	9	7	A	0	B	0	2	5	3	4	1	9	7	8	A	6
8	2	3	7	6	A	B	(1	2	6	5	9	A)	1	7	2	4	5	B	3	8	9	6	A	0	B	0	2	6	3	4	9	1	7	8	A	5
9	2	3	8	5	A	B	(1	2	7	4	9	A)	1	8	2	4	B	6	7	3	9	5	A	0	B	0	2	7	3	9	5	6	1	8	A	4
10	2	3	9	4	A	B	(1	2	8	3	9	A)	1	9	2	B	5	6	7	8	3	4	A	0	B	0	2	8	9	4	5	6	7	1	A	3
11	2	4	5	8	9	B	(1	3	4	7	8	A)	1	5	3	2	4	6	7	B	8	A	9	0	B	0	3	2	4	1	5	6	8	A	9	7
12	2	4	6	7	9	B	(1	3	5	6	8	A)	1	6	3	2	5	4	B	8	7	A	9	0	B	0	3	2	5	4	1	8	7	A	9	6
13	2	4	7	6	9	B	(1	3	6	5	8	A)	1	7	3	2	5	B	4	8	6	A	9	0	B	0	3	2	6	4	8	1	7	A	9	5
14	2	4	8	5	9	B	(1	3	7	4	8	A)	1	8	3	2	B	6	7	4	5	A	9	0	B	0	3	2	7	8	5	6	1	A	9	4
15	2	5	6	7	8	B	(1	4	5	6	7	A)	1	6	3	4	2	5	B	7	9	A	8	0	B	0	4	2	3	5	1	7	A	8	9	6
16	2	5	7	6	8	B	(1	4	6	5	7	A)	1	7	3	4	2	B	5	6	9	A	8	0	B	0	4	2	3	6	7	1	A	8	9	5
17	2	5	9	4	8	B	(1	4	8	3	7	A)	1	9	3	B	2	6	7	4	5	A	8	0	B	0	4	2	7	8	5	6	A	1	9	3
18	2	5	A	3	8	B	(1	4	9	2	7	A)	1	A	B	4	2	6	7	3	9	5	8	0	B	0	4	7	3	9	5	6	A	8	1	2
19	2	6	8	5	7	B	(1	5	7	4	6	A)	1	8	3	4	B	2	5	6	9	A	7	0	B	0	5	2	3	6	7	A	1	8	9	4
20	2	6	9	4	7	B	(1	5	8	3	6	A)	1	9	3	B	5	2	4	8	6	A	7	0	B	0	5	2	6	4	8	A	7	1	9	3
21	2	6	A	3	7	B	(1	5	9	2	6	A)	1	A	B	4	5	2	3	8	9	6	7	0	B	0	5	6	3	4	9	A	7	8	1	2
22	2	7	8	5	6	B	(1	6	7	4	5	A)	1	8	3	4	B	5	2	7	9	A	6	0	B	0	6	2	3	5	A	7	1	8	9	4
23	2	7	9	4	6	B	(1	6	8	3	5	A)	1	9	3	B	5	4	2	8	7	A	6	0	B	0	6	2	5	4	A	8	7	1	9	3
24	2	7	A	3	6	B	(1	6	9	2	5	A)	1	A	B	4	5	3	2	8	9	7	6	0	B	0	6	5	3	4	A	9	7	8	1	2
25	2	8	9	4	5	B	(1	7	8	3	4	A)	1	9	3	B	4	6	7	2	8	A	5	0	B	0	7	2	4	A	5	6	8	1	9	3
26	2	8	A	3	5	B	(1	7	9	2	4	A)	1	A	B	4	3	6	7	2	9	8	5	0	B	0	7	4	3	A	5	6	9	8	1	2
27	2	9	A	3	4	B	(1	8	9	2	3	A)	1	A	B	3	5	6	7	8	2	9	4	0	B	0	8	3	A	4	5	6	7	9	1	2
28	3	4	5	8	9	A	(2	3	4	7	8	9)	1	2	5	3	4	6	7	A	8	9	B	0	B	0	1	3	4	2	5	6	8	9	7	A
29	3	4	6	7	9	A	(2	3	5	6	8	9)	1	2	6	3	5	4	A	8	7	9	B	0	B	0	1	3	5	4	2	8	7	9	6	A
30	3	4	7	6	9	A	(2	3	6	5	8	9)	1	2	7	3	5	A	4	8	6	9	B	0	B	0	1	3	6	4	8	2	7	9	5	A
31	3	4	8	5	9	A	(2	3	7	4	8	9)	1	2	8	3	A	6	7	4	5	9	B	0	B	0	1	3	7	8	5	6	2	9	4	A
32	3	5	6	7	8	A	(2	4	5	6	7	9)	1	2	6	4	3	5	A	7	9	8	B	0	B	0	1	4	3	5	2	7	9	8	6	A

| | | |

68	1	2	8	5	6	7	4	A	B	0	8	1	3	B	6	7	5	2	9	4	A	0	2	8	3	A	7	5	6	1	9	B	4
69	1	2	9	3	A	B				0	9	1	B	4	5	6	7	8	2	3	A	0	2	9	A	4	5	6	7	8	1	B	3
70	1	2	9	4	6	8	3	A	B	0	9	1	B	8	5	4	7	6	2	3	A	0	2	9	A	6	5	8	7	4	1	B	3
71	1	2	9	4	6	8	3	A	B	0	9	1	B	6	5	8	7	4	2	3	A	0	2	9	A	8	5	4	7	6	1	B	3
72	1	2	9	5	6	7	3	A	B	0	9	1	B	4	7	5	6	8	2	3	A	0	2	9	A	4	6	7	5	8	1	B	3
73	1	2	9	5	6	7	3	A	B	0	9	1	B	4	6	7	5	8	2	3	A	0	2	9	A	4	7	5	6	8	1	B	3
74	1	3	4	8	9	B				0	4	2	1	3	5	6	7	B	8	A	9	0	3	2	4	1	5	6	7	9	B	A	8
75	1	3	4	2	6	A	8	9	B	0	4	A	1	3	5	2	7	B	8	6	9	0	3	A	4	1	5	2	7	9	B	6	8
76	1	3	4	2	6	A	8	9	B	0	4	6	1	3	5	A	7	B	8	2	9	0	3	6	4	1	5	A	7	9	B	2	8
77	1	3	4	5	6	7	8	9	B	0	4	3	1	3	7	5	6	B	8	A	9	0	3	2	4	1	6	7	5	9	B	A	8
78	1	3	4	5	6	7	8	9	B	0	4	3	1	3	6	7	5	B	8	A	9	0	3	2	4	1	7	5	6	9	B	A	8
79	1	3	5	7	9	B				0	5	2	1	4	3	6	B	8	7	A	9	0	3	2	5	4	1	6	9	8	B	A	7
80	1	3	5	2	6	A	7	9	B	0	5	A	1	4	3	2	B	8	7	6	9	0	3	6	5	4	1	A	9	8	B	2	7
81	1	3	5	2	6	A	7	9	B	0	5	6	1	4	3	A	B	8	7	2	9	0	3	A	5	4	1	2	9	8	B	6	7
82	1	3	5	4	6	8	7	9	B	0	5	2	1	8	3	4	B	6	7	A	9	0	3	2	5	6	1	8	9	4	B	A	7
83	1	3	5	4	6	8	7	9	B	0	5	2	1	6	3	8	B	4	7	A	9	0	3	2	5	8	1	4	9	6	B	A	7
84	1	3	7	5	9	B				0	7	2	1	4	B	6	3	8	5	A	9	0	3	2	7	4	9	6	1	8	B	A	5
85	1	3	7	2	6	A	5	9	B	0	7	A	1	4	B	2	3	8	5	6	9	0	3	6	7	4	9	2	1	8	B	A	5
86	1	3	7	2	6	A	5	9	B	0	7	6	1	4	B	2	3	8	5	2	9	0	3	A	7	4	9	2	1	8	B	6	5
87	1	3	7	4	6	8	5	9	B	0	7	3	1	8	B	4	3	6	5	A	9	0	3	2	7	6	9	8	1	4	B	A	5
88	1	3	7	4	6	8	5	9	B	0	7	3	1	6	B	8	3	4	5	A	9	0	3	2	7	8	9	4	1	6	B	A	5
89	1	3	8	4	9	B				0	8	2	1	B	5	6	7	3	4	A	9	0	3	2	8	9	5	6	7	1	B	A	4
90	1	3	8	2	6	A	4	9	B	0	8	A	1	B	5	2	7	3	4	6	9	0	3	6	8	9	5	A	7	1	B	2	4
91	1	3	8	2	6	A	4	9	B	0	8	6	1	B	5	A	7	3	4	2	9	0	3	A	8	9	5	2	7	1	B	6	4
92	1	3	8	5	6	7	4	9	B	0	8	2	1	B	7	5	6	3	4	A	9	0	3	2	8	9	6	7	5	1	B	A	4
93	1	3	8	5	6	7	4	9	B	0	8	2	1	B	6	7	5	3	4	A	9	0	3	2	8	9	7	5	6	1	B	A	4
94	1	3	A	2	9	B				0	A	B	1	4	5	6	7	8	2	3	9	0	3	9	A	4	5	6	7	8	B	1	2
95	1	3	A	4	6	8	2	9	B	0	A	B	1	6	5	8	7	4	2	3	9	0	3	9	A	6	5	8	7	4	B	1	2
96	1	3	A	4	6	8	2	9	B	0	A	B	1	8	5	4	7	6	2	3	9	0	3	9	A	8	5	4	7	6	B	1	2
97	1	3	A	5	6	7	2	9	B	0	A	B	1	4	7	5	6	8	2	3	9	0	3	9	A	4	6	7	5	8	B	1	2
98	1	3	A	5	6	7	2	9	B	0	A	B	1	4	6	7	5	8	2	3	9	0	3	9	A	4	7	5	6	8	B	1	2
99	1	4	5	7	8	B				0	5	2	3	1	4	6	B	7	9	A	8	0	4	2	3	5	1	6	8	B	9	A	7
100	1	4	5	2	6	A	7	8	B	0	5	A	3	1	4	2	B	7	9	6	8	0	4	6	3	5	1	A	8	B	9	2	7
101	1	4	5	2	6	A	7	8	B	0	5	6	3	1	4	A	B	7	9	2	8	0	4	A	3	5	1	2	8	B	9	6	7

| | | |

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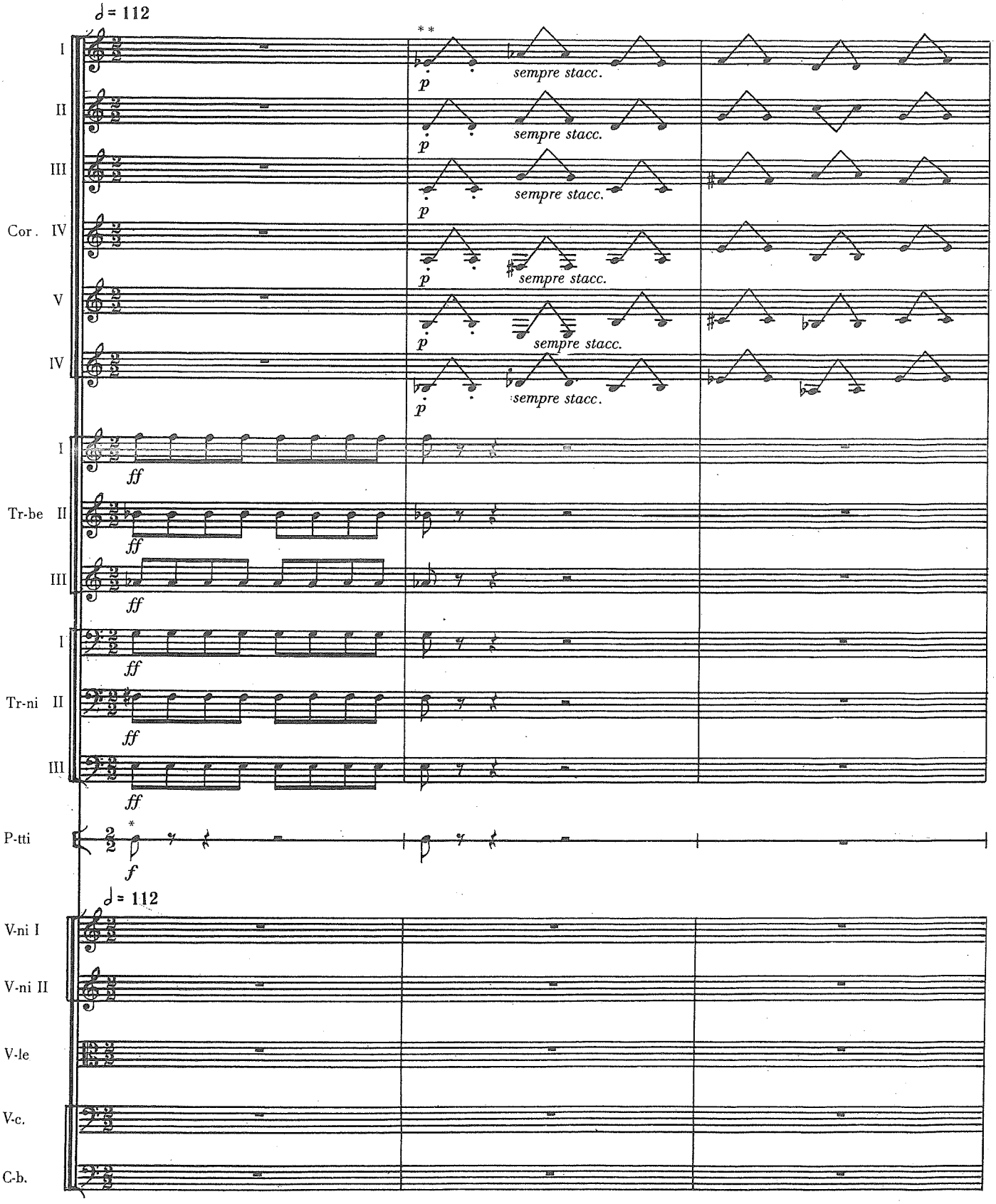
170	2	3	5	1	6	B	7	9	A	0	B	5	2	4	3	1	A	8	7	9	6	0	6	3	5	4	2	B	9	8	A	7	1
171	2	3	5	1	6	B	7	9	A	0	6	5	2	4	3	B	A	8	7	9	1	0	B	3	5	4	2	1	9	8	A	7	6
172	2	3	5	4	6	8	7	9	A	0	1	5	2	8	3	4	A	6	7	9	B	0	1	3	5	6	2	8	9	4	A	7	B
173	2	3	5	4	6	8	7	9	A	0	1	5	2	6	3	8	A	4	7	9	B	0	1	3	5	8	2	4	9	6	A	7	B
174	2	3	7	5	9	A				0	1	7	2	4	A	6	3	8	5	9	B	0	1	3	7	4	9	6	2	8	A	5	B
175	2	3	7	1	6	B	5	9	A	0	B	7	2	4	A	1	3	8	5	9	6	0	6	3	7	4	9	B	2	8	A	5	1
176	2	3	7	1	6	B	5	9	A	0	6	7	2	4	A	B	3	8	5	9	1	0	B	3	7	4	9	1	2	8	A	5	6
177	2	3	7	4	6	8	5	9	A	0	1	7	2	8	A	4	3	6	5	9	B	0	1	3	7	6	9	8	2	4	A	5	B
178	2	3	7	4	6	8	5	9	A	0	1	7	2	6	A	8	3	4	5	9	B	0	1	3	7	8	9	4	2	6	A	5	B
179	2	3	8	4	9	A				0	1	8	2	A	5	6	7	3	4	9	B	0	1	3	8	9	5	6	7	2	A	4	B
180	2	3	8	1	6	B	4	9	A	0	B	8	2	A	5	1	7	3	4	9	6	0	6	3	8	9	5	B	7	2	A	4	1
181	2	3	8	1	6	B	4	9	A	0	6	8	2	A	5	B	7	3	4	9	1	0	B	3	8	9	5	1	7	2	A	4	6
182	2	3	8	5	6	7	4	9	A	0	1	8	2	A	7	5	6	3	4	9	B	0	1	3	8	9	6	7	5	2	A	4	B
183	2	3	8	5	6	7	4	9	A	0	1	8	2	A	6	7	5	3	4	9	B	0	1	3	8	9	7	5	6	2	A	4	B
184	2	4	5	7	8	A				0	1	5	3	2	4	6	A	7	9	8	B	0	1	4	3	5	2	6	8	A	9	7	B
185	2	4	5	1	6	B	7	8	A	0	B	5	3	2	4	1	A	7	9	8	6	0	6	4	3	5	2	B	8	A	9	7	1
186	2	4	5	1	6	B	7	8	A	0	6	5	3	2	4	B	A	7	9	8	1	0	B	4	3	5	2	1	8	A	9	7	6
187	2	4	5	3	6	9	7	8	A	0	1	5	9	2	4	3	A	7	6	8	B	0	1	4	6	5	2	9	8	A	3	7	B
188	2	4	5	3	6	9	7	8	A	0	1	5	6	2	4	9	A	7	3	8	B	0	1	4	9	5	2	3	8	A	6	7	B
189	2	4	7	5	8	A				0	1	7	3	2	A	6	4	5	9	8	B	0	1	4	3	7	8	6	2	A	9	5	B
190	2	4	7	1	6	B	5	8	A	0	B	7	3	2	A	1	4	5	9	8	6	0	6	4	3	7	8	B	2	A	9	5	1
191	2	4	7	1	6	B	5	8	A	0	6	7	3	2	A	B	4	5	9	8	1	0	B	4	3	7	8	1	2	A	9	5	6
192	2	4	7	3	6	9	5	8	A	0	1	7	9	2	A	3	4	5	6	8	B	0	1	4	6	7	8	9	2	A	3	5	B
193	2	4	7	3	6	9	5	8	A	0	1	7	6	2	A	9	4	5	3	8	B	0	1	4	9	7	8	3	2	A	6	5	B
194	2	4	9	3	8	A				0	1	9	A	2	5	6	7	3	4	8	B	0	1	4	8	9	5	6	7	A	2	3	B
195	2	4	9	1	6	B	3	8	A	0	B	9	A	2	5	1	7	3	4	8	6	0	6	4	8	9	5	B	7	A	2	3	1
196	2	4	9	1	6	B	3	8	A	0	6	9	A	2	5	B	7	3	4	8	1	0	B	4	8	9	5	1	7	A	2	3	6
197	2	4	9	5	6	7	3	8	A	0	1	9	A	2	7	5	6	3	4	8	B	0	1	4	8	9	6	7	5	A	2	3	B
198	2	4	9	5	6	7	3	8	A	0	1	9	A	2	6	7	5	3	4	8	B	0	1	4	8	9	7	5	6	A	2	3	B
199	2	5	8	4	7	A				0	1	8	3	A	2	6	4	5	9	7	B	0	1	5	3	7	8	6	A	2	9	4	B
200	2	5	8	1	6	B	4	7	A	0	B	8	3	A	2	1	4	5	9	7	6	0	6	5	3	7	8	B	A	2	9	4	1
201	2	5	8	1	6	B	4	7	A	0	6	8	3	A	2	B	4	5	9	7	1	0	B	5	3	7	8	1	A	2	9	4	6
202	2	5	8	3	6	9	4	7	A	0	1	8	9	A	2	3	4	5	6	7	B	0	1	5	6	7	8	9	A	2	3	4	B
203	2	5	8	3	6	9	4	7	A	0	1	8	6	A	2	9	4	5	3	7	B	0	1	5	9	7	8	3	A	2	6	4	B

| | | |

| | | |

II



* После удара тарелки остаются закрытыми.

** Неровное ритмическое деление. ♪♪ ≠ ♪♫

Table 2

BarsS	155	156	157	158	159	160	161	162
Fl. Picc.	0		5			2		A
Fl. I		3			A		0	
Fl. II		2		7		3		7
Ob. I				8		1	A	9
Ob. II					0	6	3	
C. Ingl.						4	9	4
Cl. Picc.		1		6	B		B	
Cl. I			4		9	5		5
Cl. II							7 1	8
Clo. B.							8 2	6 B

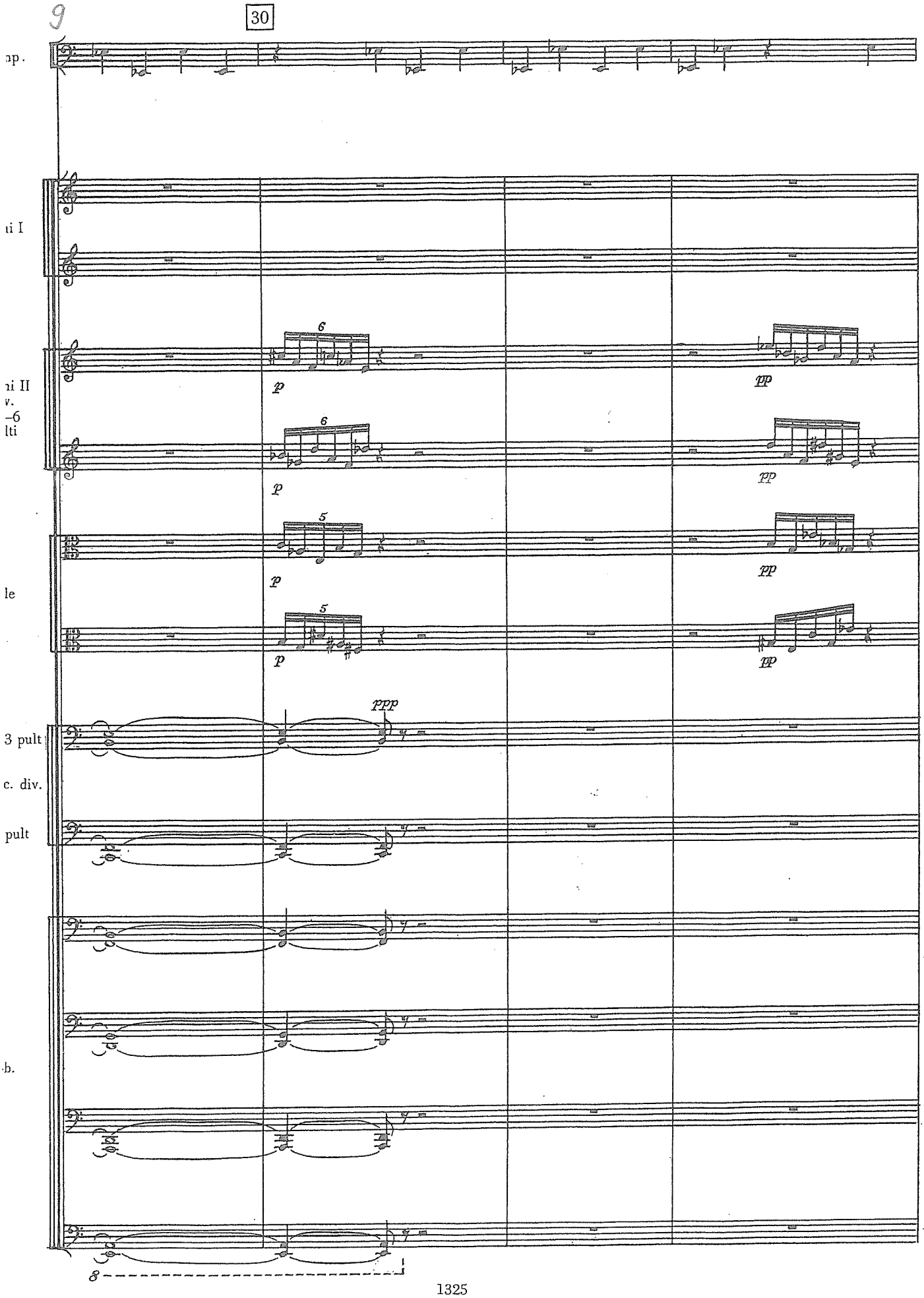

9
30
ap.
ni I
ni II
v.
–6
lti
le
3 pult
c. div.
pult
b.
p
pp
ppp

Table 3

	Bars							
Voice 4	7	13		25	31		43	
Voice 5	6	12	18	24	30	36	42	
Voice 6	5	11	17	23	29	35	41	
Voice 1	4	10	16	22	28	34	40	46
Voice 2	3	9	15	21	27	33	39	45
Voice 3	2	8	14	20	26	32	**38**	44

Table 4

Bars	10	12
Row Forms	I-7 I-6	I-6
V-ni II	0 4 8 0 4 8	A 2 6 A 2
Sextuplets	1 5 9 1 5 9	B 3 7 B 3
Row Forms		I-5 I-4
V-Ie	2 6 A 2 6	0 4 8 0 4
Quuintuplets	3 7 B 3 7	1 5 9 1 5

Bars	14	16
Row Forms	I-4	I-1
V-ni II	A 4 A 4 A	4 A 4 A 4
Quuintuplets	B 5 B 5 B	5 B 5 B 5
Row Forms	I-3	I-0
V-Ie		
Quaddruplets	0 6 2 8	6 0 8 2
	1 7 3 9	7 1 9 3
Row Forms	I-4 I-2 I-1	I-B
Vc	8 2 8 0 6 0	2 8 2 6 0 6
Sextuplets	9 3 9 1 7 1	3 9 3 7 1 7

13

Timp.

cresc. poco a poco

V-ni I

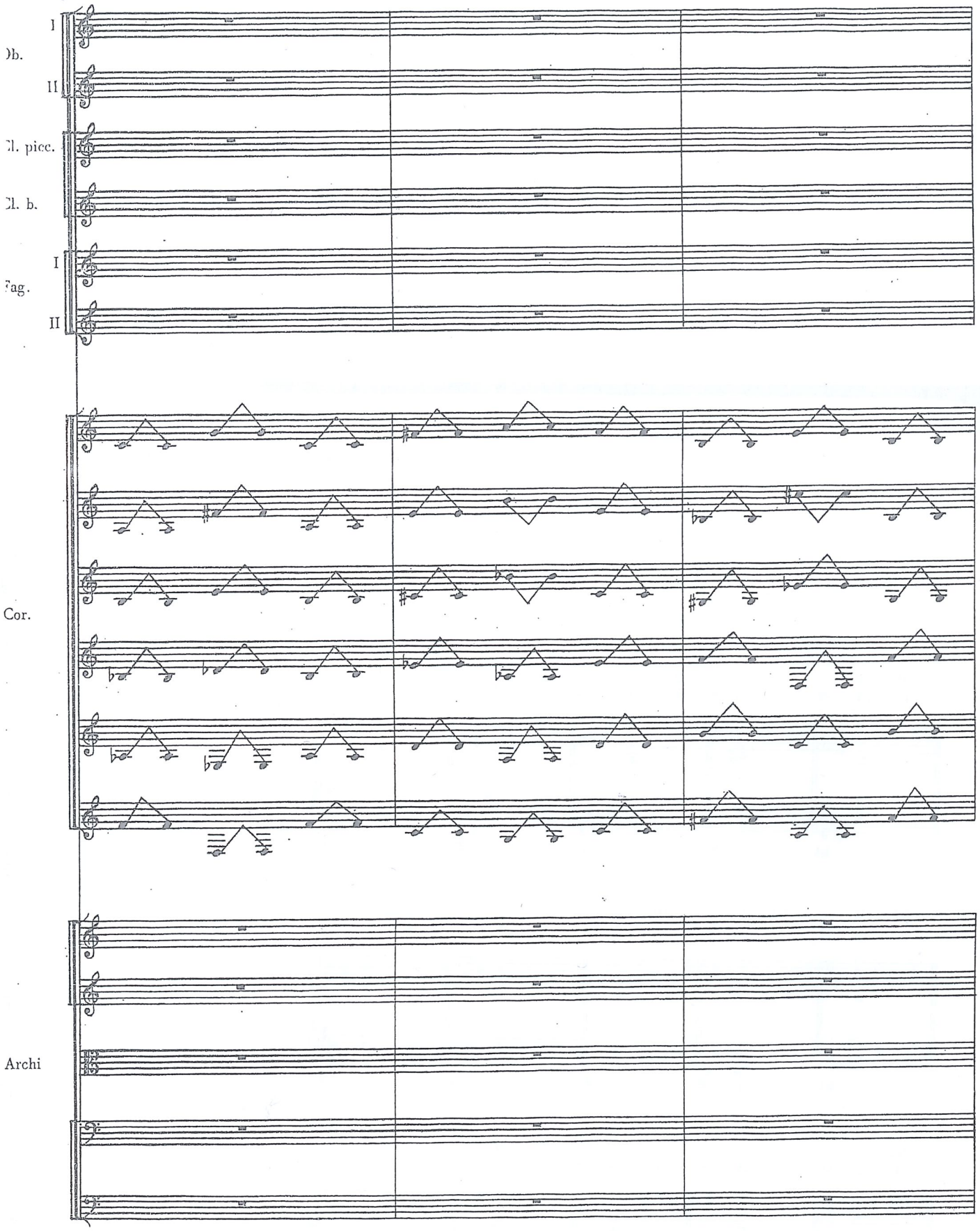
V-ni II
3—6
pulti

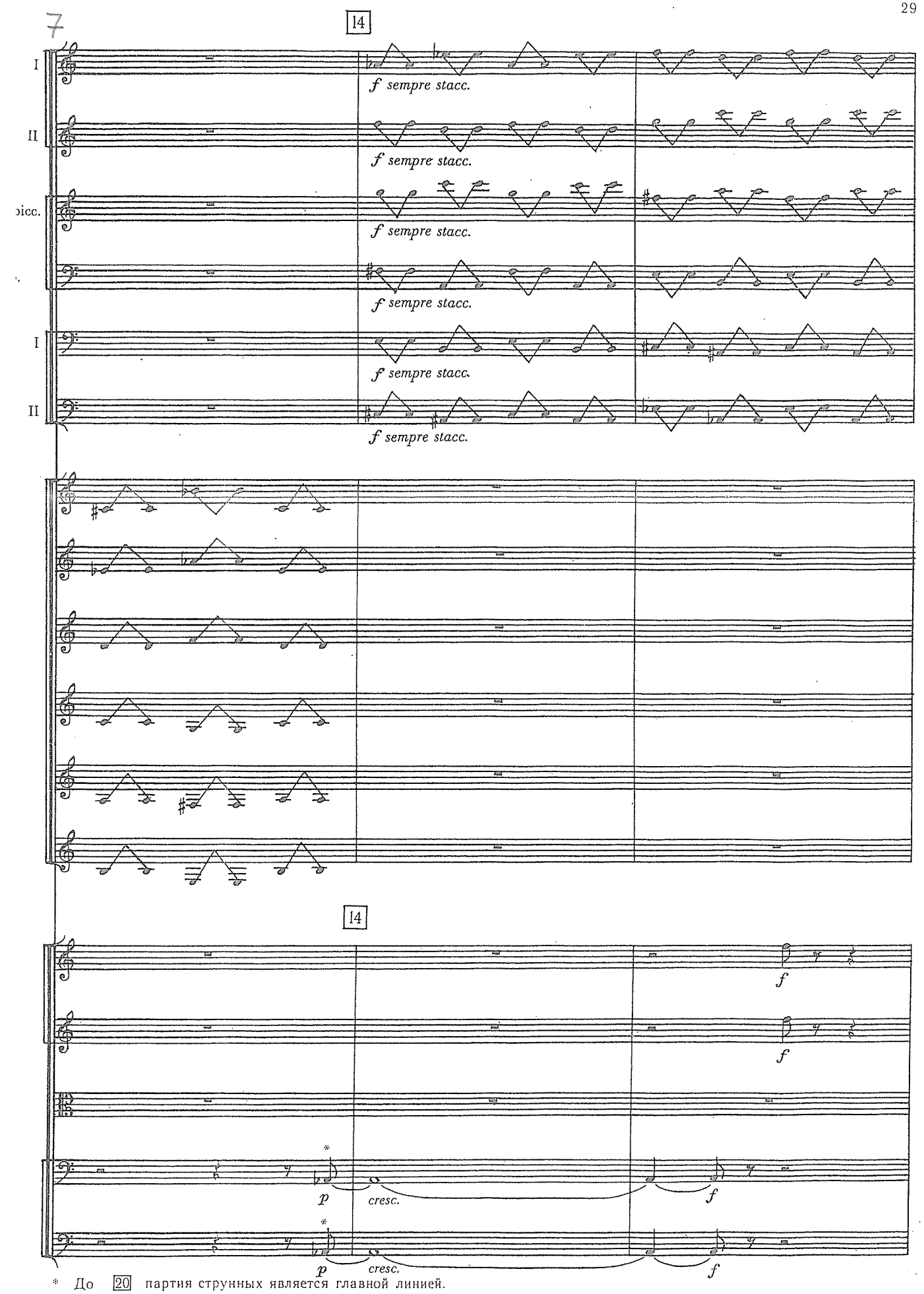
V-le

V-c.
tutti
div.

C-b.

p *mp*


I
)b.
II
:l. picc.
:l. b.
I
'ag.
II
Cor.
Archi



* До 20 партия струнных является главной линией.

10

Ob. I

Ob. II

Cl. picc.

Cl. b.

Fag. I

Fag. II

Tr-be I

Tr-be II

Tr-be III

Tr-ni I

Tr-ni II

Tr-ni III

Archi

p *cresc.*

p *cresc.* *f*

f

15

con sord.

p sempre stacc.

con sord.

p sempre stacc.

con sord.

p sempre stacc.

con sord.

p sempre stacc.

con sord.

p sempre stacc.

con sord.

p sempre stacc.

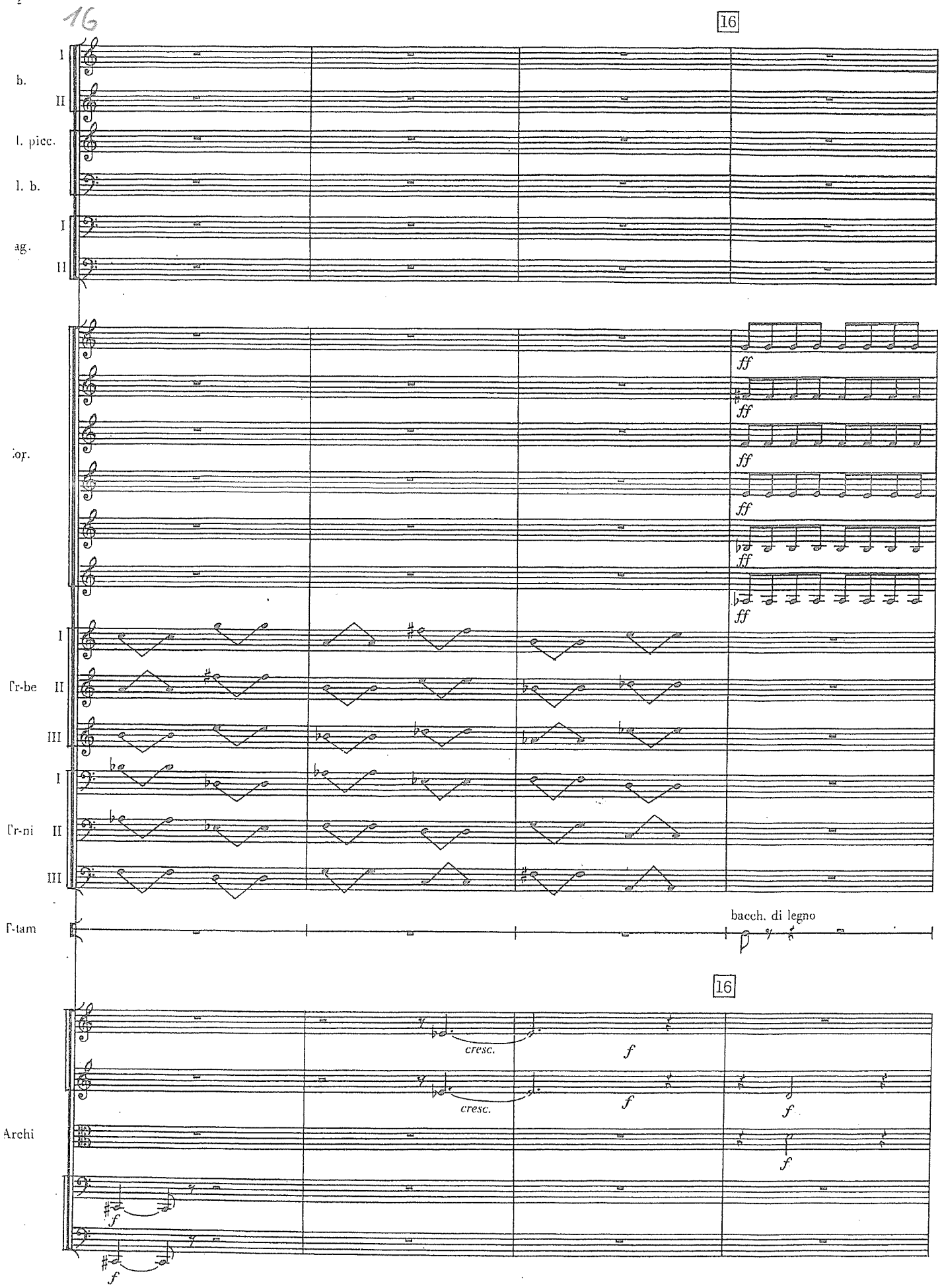
15

p cresc.

f

p cresc.

f


16
16
I
b.
II
l. picc.
l. b.
I
ag.
II
ff
ff
ff
ff
ff
ff
or.
I
r-be II
III
I
r-ni II
III
bacch. di legno
r-tam
16
cresc.
f
cresc.
f
f
Archi
f
f
f
f