

COMPOSITES

1	tight / drama / fixed	none	still / vib	damp	ord	cross single / str.	slv	poco SCR.	more ord / P	T
2	tight/drama/fixed	none	still/vib	"	spazz / D	"	"	"	"	
3	tight / wide	"	harsh / stop	single / RH / D	ord / poco / rippling	"	"	"	"	
4	tg / dr / fixed	trill	harsh / stop	single / spazz / D	ord / XFB	"	"	"	"	
5	fixed	"	damp	cross	poco	"	"	"	"	
6	tight	"	harsh / dbl	"	ord	"	"	"	"	
7	fixed / drama	none	stopped	sing / RH / D	ord / poco / rip	"	"	"	"	
8	tg / drama / fixed	"	harsh / $\frac{1}{2}$	cross / trem	ord / XFB	P / vB / OB + $\frac{1}{2}$	"	"	"	
9	"	"	damped	"	poco	OB + $\frac{1}{2}$ / $\frac{1}{2}$	"	"	"	
10	"	"	"	sing / spazz / D	"	"	"	"	"	
11	wide / drama	none	still / vib	stopped	spazz / D	XFB / clicks	"	"	"	
12	fixed	none	still / trill	damp	cross / trem	poco	"	"	"	
13	" tight	none	harsh / dbl	"	ord	"	"	"	"	
14	wide / drama	trill	stopped	Cross.	ord / XFB	I possible	"	"	"	

COMPOSITES

1 A¹ C¹ D² E¹ F² G¹

2 A¹ C² D² E² F² G¹

3 A³ C⁴ D⁴ E³ F⁴ G³

4 A¹ C¹ D¹ E⁵ F¹ G⁵

5 A² C⁶ D² E¹ F² G⁵

6 A² C⁶ D³ E¹ F³ G¹

7 A⁴ C² D⁵ E³ F⁴ G³

8 A¹ C⁴ D¹ E¹ F¹ G⁴

9 A¹ C⁴ D² E⁴ F² G⁵

10 A¹ C¹ D² E⁵ F² G⁵

11 A⁵ C¹ D⁵ E² F⁵ G³

12 A² C³ D² E⁴ F² G⁴

13 A² C⁴ D³ E⁴ F³ G⁴

14 A⁵ C⁶ D⁵ E¹ F¹ G²

A: A0: so fixed pitch; A1: continuous tight glissandi;
A2: continuous wide glissandi; A3: dramatically irregular glissandi;

B: B0: unaffected pitch; B1: inflected pitch.

C: C0: ~~strik~~^{wave}; C1: vibrato; C2: trill.

D: D0: harmonic; D1: half harmonic; D2: stopped;
D3: double harmonic; D4: damped.

E: E0: single string (color); E1: cross-string; E2: tremolo;
E3: spazzolato; E4: RT vibrato; E5: circle; E6: pathing.

F: F0: ~~constant~~^{ord} bowspeed; ~~F1:~~ XFB → ord; F2: ord → poco.;
F3: XFB; F2: poco scratch; F3: scratch; ~~F4~~
F4: "rippling"; F5: clicks;

G: G0: ord; G1: attempting fasto ~~to~~ poss.; G2: ponticello
variations; G3: immediately before bridge;
G4: DB + color; G5: DB white.

COMPOSITES

- 1 A1,A3,A0 C0,C1 D4 E1 F2 G0,G2
- 2 A1,A3,A0 C0 D4 E3,E5 F2 G0,G2
- 3 A1,A2 C0 D0,D2 E0,E4,E6 F_{0,2} G0,G3
- 4 A1,A3,A0 C2 D0,D1 E0,E3,E5 F0,F1 G5
- 5 A0 C2 D4 E1 F2 G5
- 6 A0 C2 D0,D3 E1 F0 G0,G2
- 7 A0,A3 C0 D0,D2 E0,E4,E6 F_{0,2} G0,G3
- 8 A1,A3,A0 C0 D0,D1 E1,E2 F0,F1 G2,G3,G4
- 9 A1,A3,A0 C0 D4 E1,E2 F2 G5
- 10 A1,A3,A0 C0 D4 E0,E3,E5 F2 G5
- 11 A2,A3 C0,C1 D0,D2 E3,E5 F1,F5 G1,G3
- 12 A0 C0,C2 D4 E1,E2 F2 G2,G3,G4
- 13 A0 C0 D0,D3 E1,E2 F0 G2,G3,G4
- 14 A2,A3 C2 D0,D2 E1 F0,F1 G1

A_1 A_2 A_3 A_4 A_5
 $A_1, A_3, A_5;$ $A_2;$ $A_1, A_2;$ $A_3, A_4;$ $A_2, A_3.$

B_1 B_2
 $B_0;$ $B_1.$

C_1 C_2 C_3 C_4 C_5 C_6
 $C_0, C_1;$ $C_3;$ $C_0, C_2;$ $C_0;$ $C_1;$ ~~C_4~~ $C_2.$

D_1 D_2 D_3 D_4 D_5
 $D_0, D_1;$ $D_4;$ $D_0, D_3;$ $D_0, D_2;$ ~~D_1, D_2~~

E_1 E_2 E_3 E_4 E_5 E_6
 $E_1;$ $E_3, E_5;$ $E_0, E_4, E_6;$ $E_1, E_2;$ $E_0, E_3, E_6.$

F_1 F_2 F_3 F_4 F_5
 $F_0, F_1;$ $F_2;$ $F_0;$ $F_0, F_2, F_4;$ $F_1, F_5.$

G_1 G_2 G_3 G_4 G_5
 $G_0, G_2;$ $G_1;$ $G_0, G_3;$ $G_2, G_3, G_4;$ $G_5.$

		F	G ¹
1	1		
2	2	F ¹	G ¹
3	3	F ²	G ¹
4	4	F ³	G ²
5	5	F ³	G ²
6	6	F ⁴	G ³
7	7	F ⁵	G ⁴
8	8	F ⁵	G ⁴
9	9	F ¹	G ⁵
10	10	F ²	G ⁵
11	11	F ³	G ¹
12	12	F ⁴	G ²
13	13	F ⁵	G ³
14	14	F ¹	G ¹
15	15	F ²	G ²
16	16	F ³	G ³
17	17	F ⁴	G ⁴
18	18	F ⁵	G ⁵
19	19	E ¹	
20	20	E ¹	
21	21	E ²	
22	22	E ²	
23	23	E ³	
24	24	E ³	
25	25	E ⁴	
26	26	E ⁴	
27	27	E ⁵	
28	28	E ⁵	
29	29	E ¹	
30	30	E ¹	
31	31	E ²	
32	32	E ²	
33	33	E ³	
34	34	E ³	
35	35	E ⁴	
36	36	E ⁴	
37	37	E ⁵	
38	38	E ⁵	
39	39	E ¹	
40	40	E ¹	
	5	C ¹	
		C ¹	
		C ²	
		C ²	
		C ³	
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		C ⁴	
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LH components

- Ⓐ glissandi / fixed pitch ↗ A1, A2
- Ⓑ inflected pitch / uninflated pitch B1, B2
- Ⓒ trill / vibrato / uninflated ♂ flutter C1, C2, C3
- Ⓓ harmonics / half harmonic / stopped /
double harmonic / damped / transitions D1, D2, D3,
D4, D5, D6

RH components

- Ⓐ cross-string / single-string / tremolo /
spazzato / RH vib / circle A1, A2, A3,
A4, A5, A6
- Ⓑ bowspeed transitions / constant bowspeed B1, B2
- Ⓒ scr transitions / constant scr C1, C2

~~BB~~ TRANSITIONS (Rot)

- ① cross-string bowing moderate → fast → extremely fast → fast - moderate.
- ② single-string bowspeed transitions XFB → ord; also dbl
- ③ single-string ord → slow (poco. scratch) transition; also dbl
- ④ single-string ord → mol. scratch transition; also dbl
- ⑤ single-string ord → scratch molitissimo transition.
- ⑥ single-string ord → clicks transition.
- ⑦ click rate transition individuated → "ripping" → individuated.
- ⑧ "ripping" transition moderate → very fast → moderate.
- ⑨ "ripping" transition moderate → very slow → moderate.
- ⑩ click transitions 1-2/sec → 1-2/5secs.
- ⑪ trem. stretto → trem. largo → trem. stretto; also dbl.
- ⑫ trem. with scp transitions; also dbl.
- ⑬ spazz. stretto → spazz. largo → spazz. stretto.
- ⑭ spazz. with scp transitions.

(15) RH NV \rightarrow RH poco vib;
RH NV \rightarrow RH vib. mod.;
RH NV \rightarrow RH vib. molth.

(16) RH vib changes with SCP transition.

- - -
(17). circle bowing with ~~the~~ width transitions.

(18). circle bowing with SCP transitions.

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TRANSITIONS (14)

- ① cross-string bowing moderato to fast to extremely fast. Trill sudden on fast, extremely fast. Back again.
- ② trem. XFB to ord.
- ③ trem. strettto \rightarrow trem. largo \rightarrow trem. strettto.
- ④ single lv XFB stroke; XFB trem-initiated lv XFB stroke; single lv XFB stroke; longer trem-initiation lv XFB stroke;
- ⑤ harmonic \rightarrow $\frac{1}{2}$ harmonic glissando segment.
- ⑥ longer harmonic glissando segment terminating in two-finger harmonic trill.
- ⑦ two-finger harmonic trill glissando.
- ⑧ longer harmonic glissando segment terminating in one-finger stopped / harmonic trill.
- ⑨ three-finger damp glissando.
- ⑩ two-finger harmonic glissando.
- ⑪ three-finger damp / two-finger harmonic alternation.
- ⑫ three-finger damp double stop glissando.
- ⑬ two-finger harmonic double stop glissando.

- (14) NV → poco vib. → NV. also harmonics.
- (15) NV → vib.-mod. → NV. also harmonics.
- (16) NV → molto vib. → NV. also harmonics; allow breaking.
- (17) NV → poco vib.; NV → vib.-mod.; NV → molto vib.
- (18) glissando double stop.
- (19) glissando two-string stop → $\frac{1}{2}$ harmonic transition.
- (20) two-string harmonic → stop glissando.
- (21) two-string two-finger glissando trill (!).
- (22) one-finger stopped-harmon. glissando trill.