

Jouni Hirvelä

Deformations I-II

for Bass Clarinet, Cello, Piano and electronics

2015

Music Finland



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THIS PREVIEW
IS IN LOW RESOLUTION

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Music Finland

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Deformations I-II

for Bass Clarinet, Cello, Piano and electronics



This piece deals with the horrifying physical deformations malnutrition causes to humans.

Rachitis - rickets - is caused by lack of vitamin D. It is common especially among children suffering from starvation and typical symptoms include bending of bones and skeletal fragility.

Scorbutus - scurvy - is a disease resulting from a deficiency of vitamin C. In the past it was common among sailors. The following testimony was given by Antonio Pigafetta in 1521.

"This was the worst: the gums of some of the men swelled over their upper and lower teeth, so that they could not eat and so died"

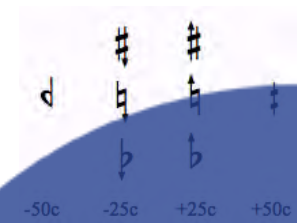
Note for performers:

The work is to be played from score.

Four strings from piano is to be prepared with Blu-tack or similar. The strings are the lowest A, d3, c-sharp3 and c5. A superball mallet is needed for the piano part.

Electronic part consists of soundfiles and live-electronic effects. These are triggered with a Max/Msp patch by a separate person. Two mics for piano is needed for live processing.

Notation:



Clarinet



slap tongue and open slap, which is a slap tongue with a loud multiphonic squack



free multiphonic over a given base note

Cello



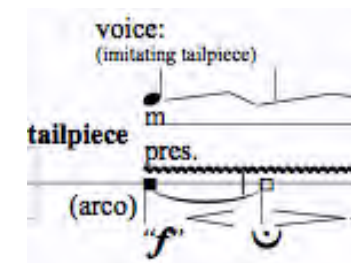
damping sign. Damp strings with left hand on the given pitch and play pizzicato.



play a Bartok pizzicato and immediately afterwards damp all strings with palm.



single grains with very slow bow speed and some pressure and very much sul tasto.



play tailpiece with bow. Use a lot of pressure to make the tailpiece resonate, and imitate the sound with quiet muttering

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I - Rachitis

Score is not in C

3

Jouni Hirvelä 2015

1

ca. 54 with colour

soundfile, + modulation and distortion for piano

crackling

2

crackling, modulation and distortion for piano

Electronics

Bass Clarinet in B $\flat$

quasi echo

(sempre ppp)

pp

f

ppp

s.t., quasi echo, senza vibrato

pp

ppp

Violoncello

pp

f

ppp

Piano

ca. 54 with colour poco rubato

a tempo

8va

f

p

ppp

(release pedal gradually)

pp

cresc.

Ped.

Ped.

9

3

fade out

Elec.

B. Cl.

mp

f

distortion by bow pressure

reduce bow speed, single grains

fff

pp

fragile

Vc.

mp

f

p

fff

pp

fragile

(arco)

Pno.

f

(release pedal gradually)

fff

pp

cluster w/ palm on strings

ppp

Ped.

4

14

Elec.

B. Cl.

Vc.

Pno.

hit metal frame w/ knuckles

fragile

fff

pp

mf

f

senza vibr.

molto vibr. (large and slow)

8va

cluster w/ palm on strings

ppp

Ped.

4 soundfile, + modulation and distortion for piano

The image displays a musical score for the piece 'The Swan' by Camille Saint-Saëns. The score is arranged in five staves, labeled on the left as ELEC., B. CL., Vc., Pno., and Ped. The ELEC. staff is at the top, followed by B. CL., Vc., Pno., and Ped. at the bottom. The score is written in 4/4 time and includes various musical notations such as notes, rests, and dynamic markings (e.g., *mf*, *p*, *fff*, *f*, *pp*). A large blue watermark is overlaid on the left side of the score, reading 'For Promotional use only' and 'THIS PREVIEW IS IN LOW RESOLUTION'. The watermark also includes the text 'Music Finland' and 'P. 19'. The score is divided into measures, with measure numbers 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 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, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 79

24

fade out

Elec.

B. Cl.

Vc.

Pno.

p *mf* *fff* *pp*

ord. s.t.

mf *p* *fff*

6 3 change pedal ad lib.

28 **meno mosso** **a tempo** 8

Elec.

B. Cl.

Vc.

Pno.

Ped.

(freeze, listen to beatings)

fff *p* *f* *fff*

arco *pp* *f* *fff*

s.t., reduce bow speed

fff *p* *f* *fff*

meno mosso **a tempo**

pp *fff* *p* *fff* *p*

cluster w/ palm on strings

hit metal frame w/ knuckles

ppp *mp* *mf* *f*

6 35 9 fade out

Elec.

B. Cl.

Vc.

Pno.

Ped.

quasi echo

molto vibr.

only air, flatterz.

arco s.t., quasi echo, senza vibrato

quasi niente

cluster w/ palm on strings

ppp

f

pp

p

ppp



11

♩ = ca. 70

Violently

10

distorted piano, (fade previous)

12

distorted cello and piano

Violently

52

Elec.

B. Cl.

13

ff distorted clarinet and cello

air only

“pp”

$$pp \rhd f$$
 $\mathbf{fff}$

II col legno battuto

“*p*”

Clamp the string
w/finger

p tap w/ fingers a few lowest strings

ppp

Ped..

“p”

“ff”

fff

 g_{vb} g_{vb}

76

Elec. *distorted cl, vc and pno ff* *distorted piano pp*

B. Cl. *ff* *mf* *ff* *mf* *ff* *f* *ff* *mf*

Vc. *ff* *mf* *ff* *mf* *ff* *f* *ff* *mf*

Pno. *ff* *mf* *ff* *ff* *p*

8^{vb}

80

Elec. *distorted cl, vc and pno ff*

B. Cl. *fff* *pp* *f* *pp* *f* *pp* *f*

Vc. *fff* *f* *pp* *f* *s.p.*

Pno. *ff* *pp* *f* *pp* *f*

Ped.

