

Johann Georg Neidhardt, 1732

Neidhardt then presents a chart with five 3rd-circle temperament examples:

Neidhardt (1732) 3rd-circle #1 (Village)												
	E_b	B_b	F	C	G	D	A	E	B	F_#	C_#	G_#
Fifth in TU	0	-60	0	-60	-120	-180	-180	0	-60	0	-60	0
Fifth in PC		- 1/12		- 1/12	- 1/6	- 1/4	- 1/4		- 1/12		- 1/12	
Fifth in SC		- 1/11		- 1/11	- 2/11	- 3/11	- 3/11		- 1/11		- 1/11	
Maj3rd % SC	81.8%	63.6%	45.5%	18.2%	27.3%	36.4%	63.6%	81.8%	81.8%	90.9%	81.8%	90.9%
Diesis portion	42.9%	33.3%	23.8%	9.5%	14.3%	19.0%	33.3%	42.9%	42.9%	47.6%	42.9%	47.6%
Min3rd % SC	-90.9%	-90.9%	-90.9%	-90.9%	-81.8%	-72.7%	-45.5%	-27.3%	-45.5%	-63.6%	-90.9%	-81.8%
Tone c	202.0	202.0	202.0	198.0	194.1	192.2	198.0	202.0	202.0	202.0	202.0	203.9
Semitone c	94.1	94.1	94.1	94.1	94.1	98.0	103.9	107.8	107.8	107.8	103.9	100.0
Enharmonic	<i>D_#</i>	<i>A_#</i>	<i>E_#</i>	<i>B_#</i>	<i>F_x</i>	<i>C_x</i>	<i>B_{bb}</i>	<i>F_b</i>	<i>C_b</i>	<i>G_b</i>	<i>D_b</i>	<i>A_b</i>
Enharm err % PC	58.3%	75.0%	83.3%	100.0%	108.3%	108.3%	-100.0%	-108.3%	-91.7%	-83.3%	-66.7%	-58.3%
d 1/6PC (C) c	-9.8	-5.9	-3.9	0.0	2.0	2.0	0.0	-2.0	2.0	3.9	7.8	9.8
Error % PC	-41.7%	-25.0%	-16.7%	0.0%	8.3%	8.3%	0.0%	-8.3%	8.3%	16.7%	33.3%	41.7%
Primary function	E_b	B_b	F	C	G	D	A	E	B	F_#	C_#	G_#
d 1/6SC (C) c	-8.8	-5.2	-3.6	0.0	1.6	1.3	-1.0	-3.3	0.3	2.0	5.5	7.2
d ET (C) c	-3.9	-2.0	-2.0	0.0	0.0	-2.0	-5.9	-9.8	-7.8	-7.8	-5.9	-5.9
d ET (A) c	2.0	3.9	3.9	5.9	5.9	3.9	0.0	-3.9	-2.0	-2.0	0.0	0.0

Major tetrachord	E _b -F-G-A _b	B _b -C-D-E _b	F-G-A-B _b	C-D-E-F	G-A-B-C	D-E-F _# -G	A-B-C _# -D	E-F _# -G _# -A	B-C _# -D _# -E	F _# -G _# -A _# -B	D _b -E _b -F-G _b	A _b -B _b -C-D _b
Ut-Re	202.0	202.0	202.0	198.0	194.1	192.2	198.0	202.0	202.0	202.0	202.0	203.9
Re-Mi	202.0	198.0	194.1	192.2	198.0	202.0	202.0	202.0	202.0	203.9	202.0	202.0
Mi-Fa	94.1	98.0	103.9	107.8	107.8	107.8	103.9	100.0	94.1	94.1	94.1	94.1
Minor tetrachord	E _b -F-G _b -A _b	B _b -C-D _b -E _b	F-G-A _b -B _b	C-D-E _b -F	G-A-B _b -C	D-E-F-G	A-B-C-D	E-F _# -G-A	B-C _# -D-E	F _# -G _# -A-B	C _# -D _# -E-F _#	G _# -A _# -B-C _#
Re-Mi	202.0	202.0	202.0	198.0	194.1	192.2	198.0	202.0	202.0	202.0	202.0	203.9
Mi-Fa	94.1	94.1	94.1	98.0	103.9	107.8	107.8	107.8	103.9	100.0	94.1	94.1
Fa-Sol	202.0	202.0	203.9	202.0	202.0	202.0	198.0	194.1	192.2	198.0	202.0	202.0

Handling diesis	A _b -C 10	D _b -F 9	F _# -A _# 10	B-D _# 9
within the octave	E-G _# 9	A-C _# 7	D-F _# 4	G-B 3
(portions of 21)	C-E 2	F-A 5	B _b -D 7	E _b -G 9

