Datenaufbereitung

Version V7 / 2019-04-24

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Name der Decke: For Docu

Import Normhammerwerkresultate

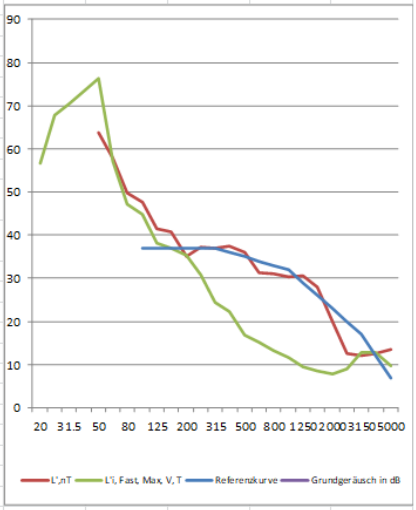
Band [Hz]			20	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
L',nT							63.7	57.7	49.9	47.75	41.4	40.7	35.1	37.2	36.9	37.6	36.1	31.2	31	30.2	30.5	28.1	20	12.6	12.1	12.7	13.6
L'n,T,w	35									37	37	37	37	37	37	36	35	34	33	32	29	26	23	20	17	12	7
Ci	100-3150	1																									
Ci	50-3150	15							Dateneingabe																		

Import Ball Rohdaten

Anzahl Zeilen:	12	Band [Hz]	20	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Ball Position	Mik Position	Mik Höhe																									
			57.6	66.6	71.1	78.1	73.7	66.9	44.4	38.4	45.6	46.4	37.6	32.2	29.8	26.3	20.8	20.7	18.8	18.9	15.7	13.4	11.8	12.7	12.6	14.6	11.3
			56.6	66.6	71.9	78.1	73.7	45.7	53.2	53.9	40.5	39.8	40.7	35.8	27.6	27.1	19.3	20.1	17.4	15.6	14.0	11.8	10.8	11.0	14.1	15.8	10.6
			62.1	71.3	71.3	73.7	71.2	61.4	48.5	46.4	43.8	44.1	41.4	34.2	30.1	29.2	25.1	21.5	18.5	17.9	14.4	13.1	11.2	11.8	14.3	13.4	11.3
			63.0	74.4	78.2	63.1	72.2	55.1	55.0	49.6	45.0	43.7	37.8	37.2	26.7	29.2	22.8	20.7	18.5	16.1	14.6	12.9	11.0	12.8	18.1	14.1	11.7
			62.9	65.1	61.3	70.2	77.3	61.2	49.3	43.8	45.0	42.3	39.2	36.8	27.8	26.9	21.6	19.2	17.7	16.1	13.7	13.3	13.0	12.1	14.6	13.8	11.7
			61.7	70.1	71.7	66.1	75.3	51.1	43.9	47.9	42.9	45.0	45.3	36.2	32.6	26.4	19.4	18.4	16.5	14.9	12.3	11.0	10.1	10.3	15.1	17.5	11.2
			59.6	72.2	72.2	80.8	77.7	66.1	46.7	37.7	45.7	37.4	44.1	32.2	28.5	27.0	22.7	20.7	19.0	16.6	14.2	12.0	11.4	11.7	11.4	12.6	10.6
			58.8	73.5	73.4	69.0	67.1	49.2	54.4	42.9	45.9	39.8	37.4	38.0	28.8	29.1	21.5	21.3	18.1	15.9	12.7	11.2	9.4	10.5	15.5	12.3	11.0
			59.8	74.3	78.3	82.0	78.5	52.0	50.3	53.4	40.1	40.5	41.3	34.1	29.6	26.1	19.9	18.3	16.4	12.7	10.9	10.7	10.1	12.5	18.1	16.9	12.2
			58.8	72.8	76.1	74.1	77.6	52.9	55.4	51.1	42.2	37.6	35.8	38.9	29.6	26.1	19.9	18.3	16.4	12.7	10.9	10.7	10.1	12.5	18.1	16.9	12.2
			55.6	65.5	68.6	77.2	81.0	62.2	42.7	42.0	39.3	39.9	36.2	36.6	30.2	23.2	20.8	18.6	16.8	15.5	13.7	12.2	12.0	13.0	13.1	13.4	13.0
			57.3	63.3	65.2	74.5	77.4	51.6	53.3	45.5	39.9	39.9	35.5	32.4	30.4	23.0	20.5	17.7	14.3	13.0	9.9	9.4	9.5	9.6	11.8	15.5	11.0
L'i,fast,max	dB	Terz	60.13	71.09	73.7	76.71	76.51	60.79	51.62	48.74	43.61	42.27	40.54	35.9	29.6	27	21.5	19.8	17.6	15.96	13.52	12.15	11.22	12.02	15.45		74
Grundgeräusch in dB		Terz																									
L'i,fast,max ohne Noise		Terz	60.1	71.1	73.7	76.7	76.5	60.8	51.6	48.7	43.6	42.3	40.5	35.9	29.6	27.0	21.5	19.8	17.6	16.0	13.5	12.1	11.2	12.0	15.4		7
L'i,fast,max ohne Noise		Oktav		79.20			76.64			50.59			42.08			28.72			20.77			16.58					

Import der Nachhallzeit (gemittelt)

			20	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150		00
RT60			1.3	1.3	1.3	1.3	0.42	1.43	2.06	1.663	3.7	3.22	3.09	3.1	2.87	2.53	2.38	2.37	2.03	1.92	1.65	1.38	1.27	1.11	0.97		74
V	41.4																										
C0=	0.289																										
C=		Sec	0.75	0.75	0.75	0.75	0.24	0.83	1.19	0.964	2.14	1.87	1.79	1.8	1.66	1.47	1.38	1.37	1.18	1.11	0.96	0.8	0.73	0.64	0.56		3
T corr =		dB	2.59	2.59	2.59	2.59	-0.6	2.81	3.6	3.154	4.68	4.45	4.38	4.39	4.25	4.01	3.9	3.89	3.58	3.47	3.14	2.73	2.53	2.2	1.85		3
V corr =			-0.8	-0.82	-0.8	-0.8	-0.8	-0.8	-0.8	-0.82	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.82	-0.8	-0.8	-0.8	-0.8	-0.8		8
Lineare Bewertung			20	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150		00
L'i, Fast, Max, V, T		dB	56.7	67.7	70.3	73.3	76.3	57.2	47.2	44.8	38.1	37.0	35.3	30.7	24.5	22.2	16.8	15.1	13.2	11.7	9.6	8.6	7.9	9.0	12.8		8
Octav				75.79			76.32			46.17			36.88			23.93			16.50			13.28					
A-Kurve			-50.5	-44.7	-39.4	-34.6	-30.2	-26.2	-22.5	-19.1	-16.1	-13.4	-10.9	-8.6	-6.6	-4.8	-3.2	-1.9	-0.8	0.0	0.6	1.0	1.2	1.3	1.		.5
L'i, A, Fast, Max, V, T			6.22	23	30.9	38.7	46.1	31	24.7	25.66	22	23.6	24.4	22.1	17.9	17.4	13.6	13.2	12.4	11.7	10.2	9.6	9.07	10.3	14		3
Octav				39.46			46.22			28.79			27.01			19.97			16.28			14.45					
90 Phon Bewertungskurve			-33.00	-27.00	-21.00	-21.00	-17.00	-14.00	-11.00	-8.00	-6.00	-4.00	-3.00	-2.50	-2.00	-1.50	-1.00	-0.80	0.00	0.60	1.00	1.20	1.30	1.20	1.00		50
L'i, spez, Fast, Max, V, T			23.72	40.68	49.29	52.30	59.26	43.17	36.19	36.76	32.11	33.00	32.34	28.22	22.51	20.71	15.83	14.34	13.20	12.27	10.56	9.80	9.17	10.20	13.75		9
80 Phon Bewertungskurve			38.98	34.22	29.64	25.33	21.71	18.62	15.16	12.47	10.08	7.81	5.91	4.30	2.88	1.67	0.85	0.16	-0.34	0.00	2.47	3.73	0.58	-2.13	-2.94	-1.70	1.51
L'i, spez, Fast, Max, V, T			17.74	33.46	40.65	47.97	54.55	38.55	32.03	32.29	28.03	29.19	29.43	26.42	21.63	20.54	15.98	14.98	13.54	11.67	7.09	4.87	7.29	11.13	15.69	14.49	8.18



Alle gängigen SNQ's werden berechnet

Asiatische Auswertungen

Auswertung nach JIS A 1419-2 L'i,Fmax,r	53
Auswertung nach JIS A 1419-2 L'i,Fmax,AW	46
Auswertung nach KS F 2863-2 L'i,avg, Fmax	50

Auswertungen mit arithmetischem Mittelwert

L'i, Fast, Max, V, T, arithm. AVGERAGE				
25-2500	25-2500	50-5000	100-5000	
34.11	34.11	25.74	19.99	Terz
41.27	41.27	32.83	25.59	Octave
L'i, Fast, Max, A, V, T, arithm. AVGERAGE				
20.83	20.83	18.24	15.62	Terz
		50-630	25-630	
L'i, F,max,average, octave		45.83	51.82	

Auswertungen mit energetischen Summen — L'n,T,w &Ci: 100-3150

L'i, Fast, Max, V, T				36
20-2500	25-5000	50-5000	100-5000	50-3150
79.10	79.08	76.32	46.69	50

AkuWood

L'i, Fast, Max, A, V, T				40-2500
47.18	47.18	46.38	31.73	47.06

20-2500

L'i, Fast, Max, spez (90dB), V, T			
60.59	60.59	59.44	40.51

Akuwood modified

L'i, Fast, Max, spez (80dB), V, T			
55.74	55.74	54.76	36.94