

Schallgeschwindigkeit

measurement	t	(t-mean)^2
1	7.59E-03	7.16E-08
2	7.16E-03	2.64E-08
3	6.97E-03	1.24E-07
4	7.55E-03	5.18E-08
5	6.77E-03	3.05E-07
6	6.97E-03	1.24E-07
7	7.74E-03	1.74E-07
8	7.18E-03	2.03E-08
9	7.32E-03	6.25E-12
10	7.70E-03	1.43E-07
11	7.40E-03	6.01E-09
12	7.58E-03	6.63E-08
13	7.04E-03	7.98E-08
14	7.17E-03	2.33E-08
15	6.89E-03	1.87E-07
16	7.20E-03	1.50E-08
17	7.33E-03	5.62E-11
18	7.21E-03	1.27E-08
19	8.05E-03	5.29E-07
20	7.63E-03	9.46E-08

Mean	7.32E-03	2.05E-06
Sem	7.35308E-05	
Std	0.00032884	

Mean velocity	3.50E+02
Sem velocity	3.54

Eisengehalt

measurement	content	error	content * err 1/err^2		
	1	20.3	1.2	14.0972222	0.69444444
	2	21.9	1.3	12.9585799	0.59171598
	3	21.1	1.1	17.4380165	0.82644628
	4	19.6	0.8	30.625	1.5625
	5	19.9	1.3	11.7751479	0.59171598
	6	18	1.3	10.6508876	0.59171598
	7	19.4	1	19.4	1
	8	23.2	2	5.8	0.25
	9	21.6	0.8	33.75	1.5625

Mean	20.5555556	
Mean Error	1.23950617	
Weighted Mean		20.4007386
Weighted Mean Error		0.36105463