

Veštna broj 7
Kalibriranje merenja protoka sa bočnim različenjem u otvorenom kanalu

Student:	Ana i Nenad	Z_{s1} (cm):	37.32
Broj indeksa:	ugledni primer	Z_{s2} (cm):	39.32
Datum:			

REZULTATI MERENJA

Redni broj	Z (cm)	Z_s (s)
1	30.29	44.05
2	32.78	42.61
3	31.06	43.55
4	30.20	44.11
5	29.67	44.42
6	32.46	42.74
7	30.45	43.94
8	29.39	44.59

OBRADA REZULTATA MERENJA

Redni broj	H (cm)	H_s (cm)	Q_{mer} (L/s)
1	9.03	6.73	1.63
2	6.54	5.29	0.89
3	8.26	6.03	1.24
4	9.12	6.79	1.66
5	9.65	7.10	1.86
6	6.86	5.42	0.95
7	8.87	6.62	1.56
8	9.93	7.27	1.97

$$C_{d1}^{-1} = 0.90$$

Redni broj	Q_{d1} (L/s)	h_{s1} (cm)	Bkr (m)	Akr (m ²)	Fr	Vkr (m/s)	Hraz (cm)	F (Hraz)	ϵ (%)
1	1.81	6.65	0.054	0.00261	1.001	0.692	8.97	0.000	-0.715
2	0.99	4.71	0.045	0.00165	1.000	0.599	6.49	0.000	-0.777
3	1.17	5.69	0.049	0.00212	1.000	0.649	7.75	0.000	-6.146
4	1.85	6.74	0.054	0.00266	1.000	0.696	9.07	0.000	-0.547
5	2.07	7.24	0.058	0.00294	1.000	0.704	9.62	0.000	-0.355
6	1.03	4.88	0.046	0.00173	1.000	0.608	6.71	0.000	-2.198
7	1.73	6.50	0.053	0.00253	1.000	0.685	8.77	0.000	-1.083
8	2.19	7.55	0.062	0.00312	1.000	0.702	9.89	0.000	-0.403

$$C_{d2}^{-1} = 0.95$$

Redni broj	Q_{d2} (L/s)	h_{s2} (cm)	Bkr (m)	Akr (m ²)	Fr	Vkr (m/s)	Hraz (cm)	F (Hraz)	ϵ (%)
1	1.71	6.45	0.053	0.00251	1.000	0.683	8.70	0.000	-3.702
2	0.94	4.56	0.045	0.00159	1.000	0.591	6.26	0.000	-4.222
3	1.30	5.52	0.050	0.00203	1.000	0.640	7.50	0.000	-0.188
4	1.75	6.53	0.053	0.00255	1.000	0.687	8.90	0.001	-2.412
5	1.96	6.96	0.055	0.00278	1.000	0.705	9.34	0.000	-3.256
6	1.00	4.73	0.045	0.00166	1.000	0.600	6.48	0.000	-2.503
7	1.64	6.30	0.052	0.00253	1.001	0.677	8.51	0.000	-4.072
8	2.08	7.27	0.058	0.00295	1.000	0.704	9.63	0.000	-3.068

$$C_{d3}^{-1} = 1.00$$

Redni broj	Q_{d3} (L/s)	h_{s3} (cm)	Bkr (m)	Akr (m ²)	Fr	Vkr (m/s)	Hraz (cm)	F (Hraz)	ϵ (%)
1	1.63	6.27	0.052	0.00241	1.001	0.675	8.46	0.000	-6.275
2	0.89	4.43	0.044	0.00153	1.000	0.584	6.09	0.000	-6.817
3	1.24	5.36	0.048	0.00195	1.000	0.632	7.31	0.000	-11.543
4	1.66	6.35	0.052	0.00245	1.000	0.679	8.56	0.000	-6.101
5	1.86	6.76	0.054	0.00267	1.000	0.697	9.09	0.000	-5.824
6	0.95	4.59	0.045	0.00160	1.000	0.592	6.30	0.000	-8.134
7	1.56	6.12	0.051	0.00233	1.001	0.669	8.28	0.000	-6.650
8	1.97	6.99	0.055	0.00279	1.000	0.706	9.37	0.000	-5.595

