



NIU	KONTINUITAS				BERNOULLI 1				BERNOULLI 2				BERNOULLI 3			MOMENTUM					Score	
	2	5	2.5	2	2	7.5	7.5	2	2	8	8	5	2	10	1.5	2	7	5	9.5	9.5		100
	Gambar	Persamaan Kecepatan	Nilai Kecepatan	Debit Pipa	Gambar	Pers. Kontinuitas	Bernoulli	Debit	Gambar	Bernoulli	hf	Debit	Gambar	Bernoulli	Debit	Gambar	Kecepatan	Tekanan dan Gaya	Pers. Momentum X	Pers. Momentum Y		
410634																					0.00	
410635	100	0	50	50	50	100	100	100	30	100	100	100	30	100	100	100	100	50	50	50	76.95	
415317	100	0	50	50	100	100	100	100	100	100	100	100	30	100	100	0	100	50	70	70	81.15	
415324	100	0	50	50	0	100	100	100	0	30	100	100	0	100	100	70	100	0	30	30	62.25	
415325	100	100	100	100	100	100	100	100	100	100	100	100	30	100	100	100	100	100	100	100	98.60	
415326	100	0	50	50	100	100	100	100	100	100	100	100	50	100	100	100	100	100	100	100	91.75	
415327	100	0	50	50	50	100	100	100	0	100	100	100	30	100	100	100	100	100	100	100	88.35	
415328	100	0	50	50	30	100	100	100	50	100	100	100	30	100	100	100	100	100	100	100	88.95	
415329	100	0	50	50	100	100	100	100	100	100	100	100	80	100	100	100	100	100	100	100	92.35	
415330	100	0	50	50	30	100	100	100	0	100	100	100	0	100	100	100	100	100	100	100	87.35	
415331	100	0	50	50	30	100	100	100	30	100	100	100	30	100	100	100	100	100	100	100	88.55	
415332	100	0	30	30	100	100	100	100	50	100	100	100	30	100	100	100	100	100	100	100	89.45	
415333																					0.00	
415992	100	100	100	100	100	100	100	100	100	100	100	100	60	100	100	60	60	90	80	30	86.55	
415993	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100.00	
415995	100	0	30	30	50	50	50	50	50	50	100	100	70	100	100	100	100	50	90	90	72.35	
415996	100	0	50	50	100	100	100	80	100	100	100	100	90	100	100	100	0	80	70	70	78.45	
415997	100	0	50	50	0	100	100	100	0	70	100	100	0	100	0	100	100	70	0	0	62.35	
416000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100.00	
416002	100	0	50	50	50	100	100	100	50	100	100	100	0	100	100	100	100	100	100	100	88.75	
416006	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100.00	
416012	100	0	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	92.75	
416013																					0.00	
457122	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0	100	60	70	70	90.30	

NIU	KONTINUITAS				BERNOULLI 1				BERNOULLI 2				BERNOULLI 3			MOMENTUM					Score
	2	5	2.5	2	2	7.5	7.5	2	2	8	8	5	2	10	1.5	2	7	5	9.5	9.5	100
	Gambar	Persamaan Kecepatan	Nilai Kecepatan	Debit Pipa	Gambar	Pers. Kontinuitas	Bernoulli	Debit	Gambar	Bernoulli	hf	Debit	Gambar	Bernoulli	Debit	Gambar	Kecepatan	Tekanan dan Gaya	Pers. Momentum X	Pers. Momentum Y	
457123	100	0	50	50	50	100	50	80	0	30	30	50	0	40	70	0	0	0	0	0	30.45
457124	100	100	100	100	100	100	100	100	100	100	100	100	30	100	100	80	0	50	70	70	83.00
457126	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50	70	70	91.80
457127	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50	70	70	91.80
457128	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50	70	70	91.80
457129	100	100	100	100	50	100	100	100	50	100	100	100	30	100	100	100	100	50	70	70	88.40
457130	100	0	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	70	70	70	85.55
457131	100	0	50	50	80	100	100	100	80	100	100	100	80	100	100	100	100	100	100	100	91.55
457133	100	100	100	100	100	100	100	100	50	100	100	100	30	100	100	100	0	50	70	70	82.40
457134	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50	70	70	91.80
457135	100	100	100	100	100	100	100	100	0	100	100	100	0	100	100	100	100	50	70	0	81.15
457136	100	0	50	50	0	100	100	100	100	100	100	100	100	100	100	50	0	50	70	70	74.55
457138	100	0	50	50	100	100	100	100	50	100	100	100	30	100	100	100	0	50	70	70	75.15
457139	100	100	100	100	100	100	100	100	50	100	100	100	50	10	100	0	100	0	0	0	63.00
457140	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100.00
457141	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0	85	90	90	90.35
457142	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0	50	70	70	84.80
464144	100	100	100	100	50	100	100	100	30	100	100	100	0	100	100	50	100	50	50	50	82.60
464145	100	100	100	100	100	100	100	100	50	90	100	100	50	100	100	30	20	30	50	50	77.20
464146	100	100	100	100	0	100	100	100	30	90	90	100	0	100	100	20	0	30	30	30	67.60
464147	100	100	100	100	100	100	100	100	30	100	100	100	20	80	100	50	0	30	50	50	74.00
464148	100	100	100	100	100	100	100	100	0	100	100	100	60	100	100	70	0	70	60	60	80.50
464149	100	100	100	100	100	100	100	100	0	0	0	0	30	90	90	0	0	0	30	30	47.15
464150	100	100	100	100	100	100	100	100	80	100	100	100	80	100	100	100	100	50	70	70	91.00
464151	100	100	100	100	100	100	100	100	50	100	100	100	30	100	100	50	0	50	50	50	77.60

NIU	KONTINUITAS				BERNOULLI 1				BERNOULLI 2				BERNOULLI 3			MOMENTUM					Score
	2	5	2.5	2	2	7.5	7.5	2	2	8	8	5	2	10	1.5	2	7	5	9.5	9.5	100
	Gambar	Persamaan Kecepatan	Nilai Kecepatan	Debit Pipa	Gambar	Pers. Kontinuitas	Bernoulli	Debit	Gambar	Bernoulli	hf	Debit	Gambar	Bernoulli	Debit	Gambar	Kecepatan	Tekanan dan Gaya	Pers. Momentum X	Pers. Momentum Y	
464152	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50	80	80	93.70
464153	100	100	100	100	100	100	100	100	80	100	100	100	40	100	100	70	0	50	70	70	82.60
464154	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50	70	70	91.80
464155	100	100	100	100	100	100	100	100	80	100	100	0	30	100	0	0	0	0	50	50	68.20
464156	100	100	100	100	100	100	100	100	85	100	100	100	70	100	100	80	0	0	50	50	77.20
464157	100	100	100	100	100	100	100	100	50	100	100	100	50	100	100	50	0	50	70	70	81.80
464158	100	100	100	100	50	100	100	100	50	100	100	100	30	100	100	100	100	100	100	100	96.60
464159	100	100	100	100	100	100	100	100	50	100	100	100	30	100	100	80	0	50	70	70	82.00
464160	100	100	100	90	100	100	100	90	100	100	100	100	100	100	0	100	0	50	70	70	82.90
464161	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100.00
464162	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	80	80	80	95.20
464163	100	0	50	50	100	100	100	100	100	100	100	100	50	100	100	100	100	100	100	100	91.75
464164	100	0	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	95	90	90	90.60
464165	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0	50	70	70	84.80
464166	100	100	100	100	100	100	100	100	80	100	100	100	50	100	100	100	100	50	70	70	90.40
464167	100	100	100	100	100	100	100	100	100	100	100	100	50	100	100	100	0	50	65	65	82.85
464168	100	0	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	92.75
464169	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50	70	70	91.80
464170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50	70	70	91.80
464171	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0	50	70	70	84.80
464172	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0	50	70	70	84.80
464173	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50	70	70	91.80
464174	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	50	70	70	91.80
464175	100	0	50	50	50	100	100	100	30	100	100	100	50	100	100	100	0	30	70	70	73.15