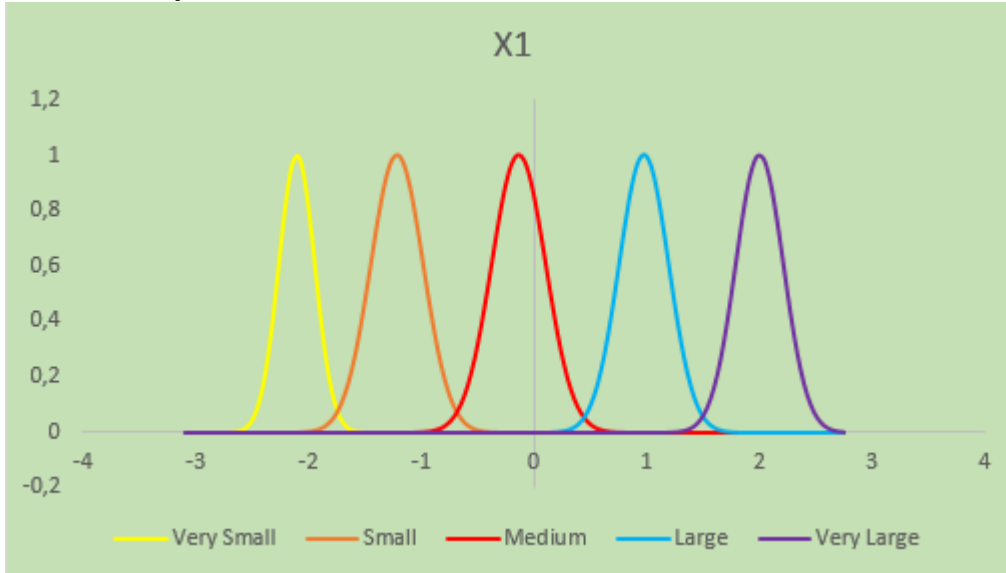


# Contemporary Data Processing Technology (CCOD)

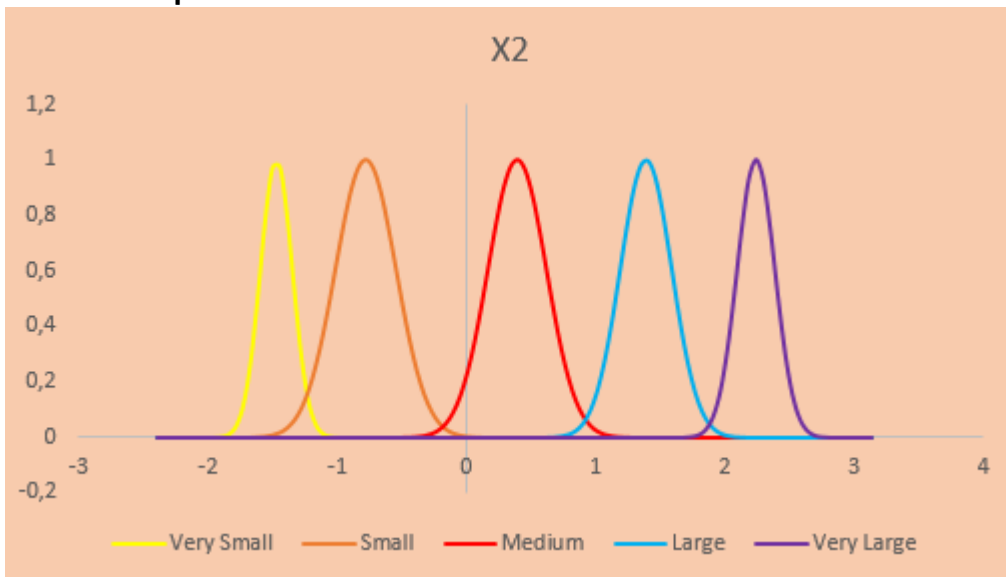
Lab 11 (November 11, 2016)

Melnikov Artem, AS-36

Membership function of  $x_1$ :



Membership function of  $x_2$ :



First part of table:

attr1						attr2					
very small	small	medium	large	very large		very small	small	medium	large	very large	
-3.09 avg:-2.10034	-1.9 avg:-1.21189	-0.729 avg:-0.13263	0.451 avg:0.97788	1.64 avg:2.00339	-2.39 avg:-1.46858	-1.27 avg:-0.77812	-0.157 avg:0.39258	0.959 avg:1.38846	2.08 avg:2.23874		
-2.98 std: 0.05071	-1.9 std: 0.10814	-0.729 std: 0.11514	0.451 std: 0.09661	1.64 std: 0.08939	-2.24 std: 0.03042	-1.27 std: 0.10991	-0.157 std: 0.10201	0.959 std: 0.07947	2.08 std: 0.04251		
-2.84	-1.9	-0.728	0.452	1.64	-2.2	-1.27	-0.156	0.96	2.09		
-2.77	-1.9	-0.726	0.452	1.64	-2.16	-1.27	-0.156	0.96	2.09		
-2.6	-1.9	-0.724	0.454	1.64	-2.1	-1.27	-0.155	0.96	2.1		
-2.56	-1.89	-0.724	0.455	1.64	-2.09	-1.27	-0.155	0.961	2.1		
-2.41	-1.89	-0.724	0.455	1.64	-2.08	-1.27	-0.154	0.961	2.1		
-2.37	-1.89	-0.724	0.456	1.64	-2.05	-1.27	-0.154	0.961	2.11		
-2.34	-1.89	-0.723	0.457	1.64	-2.05	-1.27	-0.153	0.961	2.11		
-2.32	-1.89	-0.722	0.458	1.65	-2.04	-1.27	-0.152	0.963	2.13		
-2.28	-1.88	-0.721	0.458	1.66	-1.96	-1.27	-0.151	0.963	2.14		
-2.25	-1.88	-0.72	0.459	1.66	-1.93	-1.27	-0.151	0.964	2.15		
-2.25	-1.88	-0.72	0.462	1.66	-1.92	-1.27	-0.15	0.964	2.15		
-2.19	-1.87	-0.719	0.463	1.66	-1.91	-1.27	-0.149	0.965	2.16		
-2.19	-1.87	-0.719	0.463	1.66	-1.9	-1.27	-0.147	0.966	2.18		
-2.18	-1.87	-0.718	0.463	1.66	-1.88	-1.27	-0.146	0.966	2.18		
-2.17	-1.87	-0.717	0.464	1.66	-1.87	-1.27	-0.146	0.966	2.19		
-2.15	-1.87	-0.717	0.465	1.67	-1.85	-1.27	-0.146	0.966	2.19		
-2.14	-1.87	-0.717	0.465	1.67	-1.85	-1.27	-0.146	0.968	2.19		
-2.14	-1.87	-0.717	0.465	1.67	-1.85	-1.27	-0.146	0.968	2.2		
-2.14	-1.87	-0.716	0.466	1.67	-1.83	-1.27	-0.146	0.969	2.21		
-2.13	-1.87	-0.716	0.466	1.68	-1.83	-1.27	-0.145	0.969	2.23		
-2.13	-1.86	-0.715	0.468	1.68	-1.81	-1.27	-0.144	0.969	2.24		
-2.13	-1.86	-0.715	0.469	1.68	-1.81	-1.27	-0.144	0.97	2.28		
-2.12	-1.86	-0.715	0.469	1.68	-1.8	-1.27	-0.143	0.972	2.31		
-2.11	-1.86	-0.714	0.47	1.69	-1.8	-1.27	-0.143	0.972	2.33		
-2.11	-1.86	-0.714	0.47	1.7	-1.79	-1.27	-0.142	0.973	2.35		
-2.11	-1.86	-0.714	0.471	1.7	-1.78	-1.27	-0.141	0.974	2.37		
-2.1	-1.85	-0.712	0.471	1.7	-1.78	-1.27	-0.141	0.975	2.42		
-2.1	-1.85	-0.711	0.471	1.7	-1.78	-1.27	-0.14	0.976	2.47		
-2.1	-1.85	-0.711	0.472	1.7	-1.78	-1.27	-0.139	0.976	2.52		
-2.09	-1.85	-0.711	0.472	1.7	-1.77	-1.26	-0.139	0.976	3.19		

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Second part of table:

		-0.858	-0.122	1.14				-0.773	0.514	1.95		
		-0.856	-0.122	1.14				-0.772	0.514	1.96		
		-0.856	-0.121	1.14				-0.772	0.516	1.97		
		-0.856	-0.121	1.14				-0.771	0.516	1.97		
		-0.855	-0.12	1.14				-0.77	0.516	1.97		
		-0.855	-0.119	1.14				-0.769	0.52	1.97		
		-0.855	-0.119	1.15				-0.769	0.521	1.98		
		-0.855	-0.118	1.15				-0.769	0.521	1.98		
		-0.854	-0.118	1.15				-0.768	0.522	1.98		
		-0.853	-0.117	1.15				-0.768	0.522	1.98		
		-0.853	-0.116	1.15				-0.767	0.524	1.98		
		-0.853	-0.116	1.15				-0.766	0.524	1.98		
		-0.852	-0.116	1.15				-0.766	0.524	1.99		
		-0.852	-0.116	1.15				-0.766	0.525	1.99		
		-0.852	-0.115	1.15				-0.766	0.525	1.99		
		-0.851	-0.114	1.15				-0.765	0.525	1.99		
		-0.851	-0.114	1.15				-0.765	0.529	2		
		-0.851	-0.114	1.15				-0.765	0.531	2		
		-0.851	-0.113	1.15				-0.763	0.532	2		
		-0.85	-0.113	1.15				-0.762	0.533	2		
		-0.85	-0.113	1.15				-0.761	0.533	2		
		-0.849	-0.112	1.15				-0.761	0.534	2.01		
		-0.847	-0.112	1.16				-0.76	0.535	2.01		
		-0.847	-0.111	1.16				-0.76	0.536	2.01		
		-0.847	-0.11	1.16				-0.76	0.536	2.03		
		-0.845	-0.11	1.16				-0.759	0.536	2.03		
		-0.845	-0.11	1.16				-0.759	0.538	2.03		
		-0.844	-0.109	1.16				-0.758	0.538	2.04		
		-0.843	-0.109	1.16				-0.757	0.54	2.04		
		-0.843	-0.109	1.16				-0.756	0.54	2.04		
		-0.843	-0.109	1.16				-0.756	0.541	2.05		
		-0.84	-0.108	1.16				-0.755	0.541	2.05		
		-0.84	-0.108	1.16				-0.754	0.541	2.06		
		-0.839	-0.108	1.16				-0.754	0.541	2.06		
		-0.838	-0.107	1.16				-0.752	0.544	2.07		
		-0.838	-0.107	1.16				-0.752	0.545			
		-0.838	-0.106	1.16				-0.752	0.546			
		-0.836	-0.106	1.16				-0.751	0.546			
		-0.836	-0.106	1.16				-0.751	0.546			
		-0.836	-0.106	1.16				-0.75	0.547			
		-0.836	-0.105	1.17				-0.749	0.548			

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Third part of table:

				0.143	1.55					-0.414	0.857						
				0.143	1.55					-0.413	0.857						
				0.143	1.56					-0.412	0.858						
				0.143	1.56					-0.411	0.858						
				0.144	1.57					-0.41	0.858						
				0.145	1.57					-0.409	0.858						
				0.145	1.57					-0.406	0.859						
				0.146	1.57					-0.406	0.86						
				0.148	1.57					-0.405	0.861						
				0.149	1.57					-0.404	0.862						
				0.149	1.57					-0.404	0.862						
				0.15	1.57					-0.403	0.862						
				0.15	1.57					-0.403	0.863						
				0.15	1.57					-0.402	0.864						
				0.151	1.58					-0.402	0.864						
				0.152	1.58					-0.402	0.865						
				0.152	1.58					-0.401	0.866						
				0.153	1.59					-0.401	0.866						
				0.154	1.59					-0.4	0.867						
				0.154	1.59					-0.4	0.868						
				0.155	1.59					-0.398	0.868						
				0.155	1.59					-0.398	0.869						
				0.156	1.6					-0.397	0.869						
				0.157	1.6					-0.397	0.869						
				0.157	1.6					-0.397	0.87						
				0.157	1.61					-0.394	0.87						
				0.159	1.61					-0.392	0.872						
				0.159	1.61					-0.392	0.872						
				0.16	1.62					-0.391	0.875						
				0.16	1.62					-0.39	0.875						
				0.16	1.62					-0.39	0.877						
				0.162	1.62					-0.39	0.877						
				0.163	1.62					-0.389	0.877						
				0.163	1.62					-0.389	0.877						
				0.163	1.63					-0.389	0.877						
				0.164	1.63					-0.388	0.877						
				0.165	1.63					-0.387	0.878						
				0.165	1.63					-0.387	0.878						
				0.166	1.63					-0.386	0.88						
				0.166	1.63					-0.384	0.881						
				0.167	1.63					-0.384	0.881						
				0.167						-0.384	0.881						
				0.168						-0.382	0.882						
				0.168						-0.382	0.883						