

Příloha A - Definiční soubory uzlové sítě

Mocninná rovnice - typ 10

31	41	41	1.000	(nodes, components, connections, wind reduction)			
Node	Fld.	Type	Height	Temperature	Data_1	Data_2	
3r	1	0	10.989	20.000	1.0000	14.130	
3u	1	0	10.989	20.000	1.0000	46.830	
3n	1	0	10.989	20.000	1.0000	26.645	
4r	1	0	14.659	20.000	1.0000	14.130	
4u	1	0	14.659	20.000	1.0000	46.830	
4n	1	0	14.659	20.000	1.0000	26.645	
5n	1	0	18.329	20.000	1.0000	26.645	
5r	1	0	18.329	20.000	1.0000	14.130	
5u	1	0	18.329	20.000	1.0000	46.830	
6r	1	0	21.999	20.000	1.0000	14.130	
6u	1	0	21.999	20.000	1.0000	46.830	
6n	1	0	21.999	20.000	1.0000	26.645	
7r	1	0	25.669	20.000	1.0000	14.130	
7u	1	0	25.669	20.000	1.0000	46.830	
7n	1	0	25.669	20.000	1.0000	26.645	
3jz	1	3	10.989	0.0000	18.000	230.00	
4jz	1	3	14.659	0.0000	18.000	230.00	
5jz	1	3	18.329	0.0000	18.000	230.00	
6jz	1	3	21.999	0.0000	18.000	230.00	
7jz	1	3	25.669	0.0000	18.000	230.00	
3jv	1	3	10.989	0.0000	23.000	140.00	
4jv	1	3	14.659	0.0000	23.000	140.00	
5jv	1	3	18.329	0.0000	23.000	140.00	
6jv	1	3	21.999	0.0000	23.000	140.00	
7jv	1	3	25.669	0.0000	23.000	140.00	
3spn	1	3	10.989	0.0000	18.000	230.00	
3spr	1	3	8.2540	0.0000	18.000	185.00	
3spu	1	3	10.989	0.0000	23.000	140.00	
7vrn	1	3	28.404	0.0000	6.0000	50.000	
7vrr	1	3	28.404	0.0000	6.0000	5.0000	
7vru	1	3	28.404	0.0000	6.0000	320.00	
Component	Type	C+	L+	Description			
3no	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.50000018E-02 0.66667002			
3uo	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.50000018E-02 0.66667002			
4no	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.50000018E-02 0.66667002			
4uo	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.50000018E-02 0.66667002			
5no	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.50000018E-02 0.66667002			
5uo	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.50000018E-02 0.66667002			
6no	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.50000018E-02 0.66667002			
6uo	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.50000018E-02 0.66667002			
7no	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.50000018E-02 0.66667002			
7uo	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.50000018E-02 0.66667002			
3spno	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				7.00000003E-02 0.66667002			
3spro	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				4.89999987E-02 0.66667002			
3spuo	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				0.12500000 0.66667002			
7vrhno	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				8.69999975E-02 0.66667002			
7vrhro	10	3	0	Power law vol. flow component		m = rho.a.dP^b	
1.0000000				6.10000007E-02 0.66667002			
7vrhuo	10	3	0	Power law vol. flow component		m = rho.a.dP^b	

1.0000000	0.15400000	0.66667002		
3n3ro	110	2	0	Specific air flow opening
1.0000000		4.0370002		m = rho.f(A,dP)
3r3uo	110	2	0	Specific air flow opening
1.0000000		4.0370002		m = rho.f(A,dP)
4n4ro	110	2	0	Specific air flow opening
1.0000000		4.0370002		m = rho.f(A,dP)
4r4uo	110	2	0	Specific air flow opening
1.0000000		4.0370002		m = rho.f(A,dP)
5n5ro	110	2	0	Specific air flow opening
1.0000000		4.0370002		m = rho.f(A,dP)
5r5uo	110	2	0	Specific air flow opening
1.0000000		4.0370002		m = rho.f(A,dP)
6n6ro	110	2	0	Specific air flow opening
1.0000000		4.0370002		m = rho.f(A,dP)
6r6uo	110	2	0	Specific air flow opening
1.0000000		4.0370002		m = rho.f(A,dP)
7n7ro	110	2	0	Specific air flow opening
1.0000000		4.0370002		m = rho.f(A,dP)
7r7uo	110	2	0	Specific air flow opening
1.0000000		4.0370002		m = rho.f(A,dP)
3n4no	210	6	0	General flow conduit component
1.0000000		1.8860000	7.2600002	3.6700001
4n5no	210	6	0	General flow conduit component
1.0000000		1.8860000	7.2600002	3.6700001
5n6no	210	6	0	General flow conduit component
1.0000000		1.8860000	7.2600002	3.6700001
6n7no	210	6	0	General flow conduit component
1.0000000		1.8860000	7.2600002	3.6700001
3r4ro	210	6	0	General flow conduit component
1.0000000		1.6740000	3.8499999	3.6700001
4r5ro	210	6	0	General flow conduit component
1.0000000		1.6740000	3.8499999	3.6700001
5r6ro	210	6	0	General flow conduit component
1.0000000		1.6740000	3.8499999	3.6700001
6r7ro	210	6	0	General flow conduit component
1.0000000		1.6740000	3.8499999	3.6700001
3u4uo	210	6	0	General flow conduit component
1.0000000		2.0090001	12.760000	3.6700001
4u5uo	210	6	0	General flow conduit component
1.0000000		2.0090001	12.760000	3.6700001
5u6uo	210	6	0	General flow conduit component
1.0000000		2.0090001	12.760000	3.6700001
6u7uo	210	6	0	General flow conduit component
1.0000000		2.0090001	12.760000	3.6700001
7vrdno	10	3	0	Power law vol. flow component
1.0000000		5.79999983E-02	0.66667002	m = rho.a.dP^b
7vrdro	10	3	0	Power law vol. flow component
1.0000000		3.99999991E-02	0.66667002	m = rho.a.dP^b
7vrduo	10	3	0	Power law vol. flow component
1.0000000		0.10200000	0.66667002	m = rho.a.dP^b
+Node	dHght	-Node	dHght	via Component
3jz	0.000	3n	0.000	3no
4jz	0.000	4n	0.000	4no
5jz	0.000	5n	0.000	5no
6jz	0.000	6n	0.000	6no
7jz	0.000	7n	0.000	7no
3jv	0.000	3u	0.000	3uo
4jv	0.000	4u	0.000	4uo
5jv	0.000	5u	0.000	5uo
6jv	0.000	6u	0.000	6uo
7jv	0.000	7u	0.000	7uo
3spn	0.000	3n	-1.835	3spno
3spr	0.000	3r	-1.835	3spro
3spu	0.000	3u	-1.835	3spuo
7n	1.835	7vrn	0.000	7vrdno
7r	1.835	7vrr	0.000	7vrdro
7u	1.835	7vru	0.000	7vrduo
3n	0.000	3r	0.000	3n3ro
3r	0.000	3u	0.000	3r3uo
4n	0.000	4r	0.000	4n4ro

4r	0.000	4u	0.000	4r4uo
5n	0.000	5r	0.000	5n5ro
5r	0.000	5u	0.000	5r5uo
6n	0.000	6r	0.000	6n6ro
6r	0.000	6u	0.000	6r6uo
7n	0.000	7r	0.000	7n7ro
7r	0.000	7u	0.000	7r7uo
3n	1.835	4n	-1.835	3n4no
4n	1.835	5n	-1.835	4n5no
5n	1.835	6n	-1.835	5n6no
6n	1.835	7n	-1.835	6n7no
3r	1.835	4r	-1.835	3r4ro
4r	1.835	5r	-1.835	4r5ro
5r	1.835	6r	-1.835	5r6ro
6r	1.835	7r	-1.835	6r7ro
3u	1.835	4u	-1.835	3u4uo
4u	1.835	5u	-1.835	4u5uo
5u	1.835	6u	-1.835	5u6uo
6u	1.835	7u	-1.835	6u7uo
7n	1.835	7vrn	0.000	7vrhno
7r	1.835	7vrr	0.000	7vrhro
7u	1.835	7vru	0.000	7vrhuo

Kvadratická rovnice - typ 20

31	41	41	1.000	(nodes,	components,	connections,	wind	reduction)
Node	Fld.	Type	Height	Temperature	Data_1	Data_2		
3r	1	0	10.989	20.000	1.0000	14.130		
3u	1	0	10.989	20.000	1.0000	46.830		
3n	1	0	10.989	20.000	1.0000	26.645		
4r	1	0	14.659	20.000	1.0000	14.130		
4u	1	0	14.659	20.000	1.0000	46.830		
4n	1	0	14.659	20.000	1.0000	26.645		
5n	1	0	18.329	20.000	1.0000	26.645		
5r	1	0	18.329	20.000	1.0000	14.130		
5u	1	0	18.329	20.000	1.0000	46.830		
6r	1	0	21.999	20.000	1.0000	14.130		
6u	1	0	21.999	20.000	1.0000	46.830		
6n	1	0	21.999	20.000	1.0000	26.645		
7r	1	0	25.669	20.000	1.0000	14.130		
7u	1	0	25.669	20.000	1.0000	46.830		
7n	1	0	25.669	20.000	1.0000	26.645		
3jz	1	3	10.989	0.0000	18.000	230.00		
4jz	1	3	14.659	0.0000	18.000	230.00		
5jz	1	3	18.329	0.0000	18.000	230.00		
6jz	1	3	21.999	0.0000	18.000	230.00		
7jz	1	3	25.669	0.0000	18.000	230.00		
3jv	1	3	10.989	0.0000	23.000	140.00		
4jv	1	3	14.659	0.0000	23.000	140.00		
5jv	1	3	18.329	0.0000	23.000	140.00		
6jv	1	3	21.999	0.0000	23.000	140.00		
7jv	1	3	25.669	0.0000	23.000	140.00		
3spn	1	3	10.989	0.0000	18.000	230.00		
3spr	1	3	8.2540	0.0000	18.000	185.00		
3spu	1	3	10.989	0.0000	23.000	140.00		
7vrn	1	3	28.404	0.0000	6.0000	50.000		
7vrr	1	3	28.404	0.0000	6.0000	5.0000		
7vru	1	3	28.404	0.0000	6.0000	320.00		
Component	Type	C+	L+	Description				
3no	20	3	0	Quadratic law vol. flow component	dP=	a.m/rho+b. (m/rho)^2		
1.0000000				3.1870000		1001.9240		
3uo	20	3	0	Quadratic law vol. flow component	dP=	a.m/rho+b. (m/rho)^2		
1.0000000				3.1870000		1001.9240		
4no	20	3	0	Quadratic law vol. flow component	dP=	a.m/rho+b. (m/rho)^2		
1.0000000				3.1870000		1001.9240		
4uo	20	3	0	Quadratic law vol. flow component	dP=	a.m/rho+b. (m/rho)^2		
1.0000000				3.1870000		1001.9240		
5no	20	3	0	Quadratic law vol. flow component	dP=	a.m/rho+b. (m/rho)^2		
1.0000000				3.1870000		1001.9240		

5uo	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				3.1870000	1001.9240	
6no	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				3.1870000	1001.9240	
6uo	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				3.1870000	1001.9240	
7no	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				3.1870000	1001.9240	
7uo	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				3.1870000	1001.9240	
3spno	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				0.41100001	55.096001	
3spro	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				0.58899999	113.42200	
3spuo	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				0.23400000	17.836000	
7vrhno	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				0.17800000	56.917999	
7vrhro	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				0.25500000	117.17100	
7vrhuo	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				0.10100000	18.426001	
3n3ro	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
3r3uo	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
4n4ro	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
4r4uo	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
5n5ro	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
5r5uo	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
6n6ro	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
6r6uo	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
7n7ro	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
7r7uo	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
3n4no	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				1.8860000	7.2600002 3.6700001	1.99999995E-05 0.16000000
4n5no	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				1.8860000	7.2600002 3.6700001	1.99999995E-05 0.16000000
5n6no	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				1.8860000	7.2600002 3.6700001	1.99999995E-05 0.16000000
6n7no	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				1.8860000	7.2600002 3.6700001	1.99999995E-05 0.16000000
3r4ro	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				1.6740000	3.8499999 3.6700001	1.99999995E-05 0.16000000
4r5ro	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				1.6740000	3.8499999 3.6700001	1.99999995E-05 0.16000000
5r6ro	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				1.6740000	3.8499999 3.6700001	1.99999995E-05 0.16000000
6r7ro	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				1.6740000	3.8499999 3.6700001	1.99999995E-05 0.16000000
3u4uo	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				2.0090001	12.760000 3.6700001	1.99999995E-05 0.16000000
4u5uo	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				2.0090001	12.760000 3.6700001	1.99999995E-05 0.16000000
5u6uo	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				2.0090001	12.760000 3.6700001	1.99999995E-05 0.16000000
6u7uo	210	6	0	General flow conduit component		m = rho.f(D,A,L,k,SCi)
1.0000000				2.0090001	12.760000 3.6700001	1.99999995E-05 0.16000000
7vrdno	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				2.0270000	179.35001	
7vrdro	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2
1.0000000				2.9080000	369.21100	
7vrduo	20	3	0	Quadratic	law vol. flow component	dP= a.m/rho+b. (m/rho)^2

1.0000000	1.1530000	58.060001		
+Node	dHght	-Node	dHght	via Component
3jz	0.000	3n	0.000	3no
4jz	0.000	4n	0.000	4no
5jz	0.000	5n	0.000	5no
6jz	0.000	6n	0.000	6no
7jz	0.000	7n	0.000	7no
3jv	0.000	3u	0.000	3uo
4jv	0.000	4u	0.000	4uo
5jv	0.000	5u	0.000	5uo
6jv	0.000	6u	0.000	6uo
7jv	0.000	7u	0.000	7uo
3spn	0.000	3n	-1.835	3spno
3spr	0.000	3r	-1.835	3spro
3spu	0.000	3u	-1.835	3spuo
7n	1.835	7vrn	0.000	7vrdno
7r	1.835	7vrr	0.000	7vrdro
7u	1.835	7vru	0.000	7vrduo
3n	0.000	3r	0.000	3n3ro
3r	0.000	3u	0.000	3r3uo
4n	0.000	4r	0.000	4n4ro
4r	0.000	4u	0.000	4r4uo
5n	0.000	5r	0.000	5n5ro
5r	0.000	5u	0.000	5r5uo
6n	0.000	6r	0.000	6n6ro
6r	0.000	6u	0.000	6r6uo
7n	0.000	7r	0.000	7n7ro
7r	0.000	7u	0.000	7r7uo
3n	1.835	4n	-1.835	3n4no
4n	1.835	5n	-1.835	4n5no
5n	1.835	6n	-1.835	5n6no
6n	1.835	7n	-1.835	6n7no
3r	1.835	4r	-1.835	3r4ro
4r	1.835	5r	-1.835	4r5ro
5r	1.835	6r	-1.835	5r6ro
6r	1.835	7r	-1.835	6r7ro
3u	1.835	4u	-1.835	3u4uo
4u	1.835	5u	-1.835	4u5uo
5u	1.835	6u	-1.835	5u6uo
6u	1.835	7u	-1.835	6u7uo
7n	1.835	7vrn	0.000	7vrhno
7r	1.835	7vrr	0.000	7vrhro
7u	1.835	7vru	0.000	7vrhuo

Rovnice turbulentního průtoku otvorem - typ 40

31	41	41	1.000	(nodes, components, connections, wind reduction)			
Node	Fld.	Type	Height	Temperature	Data_1	Data_2	
3r	1	0	10.989	20.000	1.0000	14.130	
3u	1	0	10.989	20.000	1.0000	46.830	
3n	1	0	10.989	20.000	1.0000	26.645	
4r	1	0	14.659	20.000	1.0000	14.130	
4u	1	0	14.659	20.000	1.0000	46.830	
4n	1	0	14.659	20.000	1.0000	26.645	
5n	1	0	18.329	20.000	1.0000	26.645	
5r	1	0	18.329	20.000	1.0000	14.130	
5u	1	0	18.329	20.000	1.0000	46.830	
6r	1	0	21.999	20.000	1.0000	14.130	
6u	1	0	21.999	20.000	1.0000	46.830	
6n	1	0	21.999	20.000	1.0000	26.645	
7r	1	0	25.669	20.000	1.0000	14.130	
7u	1	0	25.669	20.000	1.0000	46.830	
7n	1	0	25.669	20.000	1.0000	26.645	
3jz	1	3	10.989	0.0000	18.000	230.00	
4jz	1	3	14.659	0.0000	18.000	230.00	
5jz	1	3	18.329	0.0000	18.000	230.00	
6jz	1	3	21.999	0.0000	18.000	230.00	
7jz	1	3	25.669	0.0000	18.000	230.00	
3jv	1	3	10.989	0.0000	23.000	140.00	

4jv	1	3	14.659	0.0000	23.000	140.00
5jv	1	3	18.329	0.0000	23.000	140.00
6jv	1	3	21.999	0.0000	23.000	140.00
7jv	1	3	25.669	0.0000	23.000	140.00
3spn	1	3	10.989	0.0000	18.000	230.00
3spr	1	3	8.2540	0.0000	18.000	185.00
3spu	1	3	10.989	0.0000	23.000	140.00
7vrn	1	3	28.404	0.0000	6.0000	50.000
7vrr	1	3	28.404	0.0000	6.0000	5.0000
7vru	1	3	28.404	0.0000	6.0000	320.00
Component	Type	C+	L+	Description		
3no	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				3.70000005E-02 0.38000000		
3uo	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				3.70000005E-02 0.38000000		
4no	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				3.70000005E-02 0.38000000		
4uo	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				3.70000005E-02 0.38000000		
5no	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				3.70000005E-02 0.38000000		
5uo	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				3.70000005E-02 0.38000000		
6no	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				3.70000005E-02 0.38000000		
6uo	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				3.70000005E-02 0.38000000		
7no	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				3.70000005E-02 0.38000000		
7uo	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				3.70000005E-02 0.38000000		
3spno	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				0.12500000 0.49000001		
3spro	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				8.69999975E-02 0.47999999		
3spuo	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				0.22000000 0.49000001		
7vrhno	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				0.13900000 0.31000000		
7vrhro	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				9.70000029E-02 0.31000000		
7vrhuo	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)	
1.0000000				0.24400000 0.31000000		
3n3ro	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				4.0370002		
3r3uo	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				4.0370002		
4n4ro	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				4.0370002		
4r4uo	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				4.0370002		
5n5ro	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				4.0370002		
5r5uo	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				4.0370002		
6n6ro	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				4.0370002		
6r6uo	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				4.0370002		
7n7ro	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				4.0370002		
7r7uo	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				4.0370002		
3n4no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.8860000 7.2600002 3.6700001	1.99999995E-05 0.16000000	
4n5no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.8860000 7.2600002 3.6700001	1.99999995E-05 0.16000000	
5n6no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.8860000 7.2600002 3.6700001	1.99999995E-05 0.16000000	
6n7no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.8860000 7.2600002 3.6700001	1.99999995E-05 0.16000000	

3r4ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.6740000	3.8499999	3.6700001	1.99999995E-05	0.16000000
4r5ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.6740000	3.8499999	3.6700001	1.99999995E-05	0.16000000
5r6ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.6740000	3.8499999	3.6700001	1.99999995E-05	0.16000000
6r7ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.6740000	3.8499999	3.6700001	1.99999995E-05	0.16000000
3u4uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	2.0090001	12.760000	3.6700001	1.99999995E-05	0.16000000
4u5uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	2.0090001	12.760000	3.6700001	1.99999995E-05	0.16000000
5u6uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	2.0090001	12.760000	3.6700001	1.99999995E-05	0.16000000
6u7uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	2.0090001	12.760000	3.6700001	1.99999995E-05	0.16000000
7vrdno	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)
1.0000000	9.89999995E-02	0.28000000			
7vrdro	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)
1.0000000	6.89999983E-02	0.28000000			
7vrduo	40	3	0	Common orifice flow component	m = rho.f(Cd,A,rho,dP)
1.0000000	0.17399999	0.28000000			
+Node	dHght	-Node	dHght	via	Component
3jz	0.000	3n	0.000	3no	
4jz	0.000	4n	0.000	4no	
5jz	0.000	5n	0.000	5no	
6jz	0.000	6n	0.000	6no	
7jz	0.000	7n	0.000	7no	
3jv	0.000	3u	0.000	3uo	
4jv	0.000	4u	0.000	4uo	
5jv	0.000	5u	0.000	5uo	
6jv	0.000	6u	0.000	6uo	
7jv	0.000	7u	0.000	7uo	
3spn	0.000	3n	-1.835	3spno	
3spr	0.000	3r	-1.835	3spro	
3spu	0.000	3u	-1.835	3spuo	
7n	1.835	7vrn	0.000	7vrdno	
7r	1.835	7vrr	0.000	7vrdro	
7u	1.835	7vru	0.000	7vrduo	
3n	0.000	3r	0.000	3n3ro	
3r	0.000	3u	0.000	3r3uo	
4n	0.000	4r	0.000	4n4ro	
4r	0.000	4u	0.000	4r4uo	
5n	0.000	5r	0.000	5n5ro	
5r	0.000	5u	0.000	5r5uo	
6n	0.000	6r	0.000	6n6ro	
6r	0.000	6u	0.000	6r6uo	
7n	0.000	7r	0.000	7n7ro	
7r	0.000	7u	0.000	7r7uo	
3n	1.835	4n	-1.835	3n4no	
4n	1.835	5n	-1.835	4n5no	
5n	1.835	6n	-1.835	5n6no	
6n	1.835	7n	-1.835	6n7no	
3r	1.835	4r	-1.835	3r4ro	
4r	1.835	5r	-1.835	4r5ro	
5r	1.835	6r	-1.835	5r6ro	
6r	1.835	7r	-1.835	6r7ro	
3u	1.835	4u	-1.835	3u4uo	
4u	1.835	5u	-1.835	4u5uo	
5u	1.835	6u	-1.835	5u6uo	
6u	1.835	7u	-1.835	6u7uo	
7n	1.835	7vrn	0.000	7vrhno	
7r	1.835	7vrr	0.000	7vrhro	
7u	1.835	7vru	0.000	7vrhuo	

Rovnice turbulentního průtoku otvorem s $\mu = 0,65$ - typ 110

31 41 41 1.000 (nodes, components, connections, wind reduction)							
Node	Fld.	Type	Height	Temperature	Data_1	Data_2	
3r	1	0	10.989	20.000	1.0000	14.130	
3u	1	0	10.989	20.000	1.0000	46.830	
3n	1	0	10.989	20.000	1.0000	26.645	
4r	1	0	14.659	20.000	1.0000	14.130	
4u	1	0	14.659	20.000	1.0000	46.830	
4n	1	0	14.659	20.000	1.0000	26.645	
5n	1	0	18.329	20.000	1.0000	26.645	
5r	1	0	18.329	20.000	1.0000	14.130	
5u	1	0	18.329	20.000	1.0000	46.830	
6r	1	0	21.999	20.000	1.0000	14.130	
6u	1	0	21.999	20.000	1.0000	46.830	
6n	1	0	21.999	20.000	1.0000	26.645	
7r	1	0	25.669	20.000	1.0000	14.130	
7u	1	0	25.669	20.000	1.0000	46.830	
7n	1	0	25.669	20.000	1.0000	26.645	
3jz	1	3	10.989	0.0000	18.000	230.00	
4jz	1	3	14.659	0.0000	18.000	230.00	
5jz	1	3	18.329	0.0000	18.000	230.00	
6jz	1	3	21.999	0.0000	18.000	230.00	
7jz	1	3	25.669	0.0000	18.000	230.00	
3jv	1	3	10.989	0.0000	23.000	140.00	
4jv	1	3	14.659	0.0000	23.000	140.00	
5jv	1	3	18.329	0.0000	23.000	140.00	
6jv	1	3	21.999	0.0000	23.000	140.00	
7jv	1	3	25.669	0.0000	23.000	140.00	
3spn	1	3	10.989	0.0000	18.000	230.00	
3spr	1	3	8.2540	0.0000	18.000	185.00	
3spu	1	3	10.989	0.0000	23.000	140.00	
7vrn	1	3	28.404	0.0000	6.0000	50.000	
7vrr	1	3	28.404	0.0000	6.0000	5.0000	
7vru	1	3	28.404	0.0000	6.0000	320.00	
Component	Type	C+	L+	Description			
3no	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				3.66999991E-02			
3uo	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				3.66999991E-02			
4no	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				3.66999991E-02			
4uo	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				3.66999991E-02			
5no	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				3.66999991E-02			
5uo	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				3.66999991E-02			
6no	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				3.66999991E-02			
6uo	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				3.66999991E-02			
7no	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				3.66999991E-02			
7uo	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				3.66999991E-02			
3spno	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				0.12410000			
3spro	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				8.64999965E-02			
3spuo	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				0.21810000			
7vrhno	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				0.13530000			
7vrhro	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				9.43000019E-02			
7vrhuo	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				0.23780000			
3n3ro	110	2	0	Specific air flow opening		m = rho.f(A, dP)	
1.0000000				4.0370002			

3r3uo	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
4n4ro	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
4r4uo	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
5n5ro	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
5r5uo	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
6n6ro	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
6r6uo	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
7n7ro	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
7r7uo	110	2	0	Specific air flow opening		m = rho.f(A,dP)
1.0000000				4.0370002		
3n4no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.8860000 7.2600002 3.6700001	1.99999995E-05	0.16000000
4n5no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.8860000 7.2600002 3.6700001	1.99999995E-05	0.16000000
5n6no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.8860000 7.2600002 3.6700001	1.99999995E-05	0.16000000
6n7no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.8860000 7.2600002 3.6700001	1.99999995E-05	0.16000000
3r4ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.6740000 3.8499999 3.6700001	1.99999995E-05	0.16000000
4r5ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.6740000 3.8499999 3.6700001	1.99999995E-05	0.16000000
5r6ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.6740000 3.8499999 3.6700001	1.99999995E-05	0.16000000
6r7ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				1.6740000 3.8499999 3.6700001	1.99999995E-05	0.16000000
3u4uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				2.0090001 12.760000 3.6700001	1.99999995E-05	0.16000000
4u5uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				2.0090001 12.760000 3.6700001	1.99999995E-05	0.16000000
5u6uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				2.0090001 12.760000 3.6700001	1.99999995E-05	0.16000000
6u7uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)	
1.0000000				2.0090001 12.760000 3.6700001	1.99999995E-05	0.16000000
7vrdno	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				9.83000025E-02		
7vrdro	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				6.84999973E-02		
7vrduo	110	2	0	Specific air flow opening	m = rho.f(A,dP)	
1.0000000				0.17280000		
+Node	dHght	-Node	dHght	via Component		
3jz	0.000	3n	0.000	3no		
4jz	0.000	4n	0.000	4no		
5jz	0.000	5n	0.000	5no		
6jz	0.000	6n	0.000	6no		
7jz	0.000	7n	0.000	7no		
3jv	0.000	3u	0.000	3uo		
4jv	0.000	4u	0.000	4uo		
5jv	0.000	5u	0.000	5uo		
6jv	0.000	6u	0.000	6uo		
7jv	0.000	7u	0.000	7uo		
3spn	0.000	3n	-1.835	3spno		
3spr	0.000	3r	-1.835	3spro		
3spu	0.000	3u	-1.835	3spuo		
7n	1.835	7vrn	0.000	7vrdno		
7r	1.835	7vrr	0.000	7vrdro		
7u	1.835	7vru	0.000	7vrduo		
3n	0.000	3r	0.000	3n3ro		
3r	0.000	3u	0.000	3r3uo		
4n	0.000	4r	0.000	4n4ro		
4r	0.000	4u	0.000	4r4uo		
5n	0.000	5r	0.000	5n5ro		
5r	0.000	5u	0.000	5r5uo		

6n	0.000	6r	0.000	6n6ro
6r	0.000	6u	0.000	6r6uo
7n	0.000	7r	0.000	7n7ro
7r	0.000	7u	0.000	7r7uo
3n	1.835	4n	-1.835	3n4no
4n	1.835	5n	-1.835	4n5no
5n	1.835	6n	-1.835	5n6no
6n	1.835	7n	-1.835	6n7no
3r	1.835	4r	-1.835	3r4ro
4r	1.835	5r	-1.835	4r5ro
5r	1.835	6r	-1.835	5r6ro
6r	1.835	7r	-1.835	6r7ro
3u	1.835	4u	-1.835	3u4uo
4u	1.835	5u	-1.835	4u5uo
5u	1.835	6u	-1.835	5u6uo
6u	1.835	7u	-1.835	6u7uo
7n	1.835	7vrn	0.000	7vrhno
7r	1.835	7vrr	0.000	7vrhro
7u	1.835	7vru	0.000	7vrhuo

Mocninná rovnice pro spáry - typ 120

31	41	41	1.000	(nodes, components, connections, wind reduction)			
Node	Fld.	Type	Height	Temperature	Data_1	Data_2	
3r	1	0	10.989	20.000	1.0000	14.130	
3u	1	0	10.989	20.000	1.0000	46.830	
3n	1	0	10.989	20.000	1.0000	26.645	
4r	1	0	14.659	20.000	1.0000	14.130	
4u	1	0	14.659	20.000	1.0000	46.830	
4n	1	0	14.659	20.000	1.0000	26.645	
5n	1	0	18.329	20.000	1.0000	26.645	
5r	1	0	18.329	20.000	1.0000	14.130	
5u	1	0	18.329	20.000	1.0000	46.830	
6r	1	0	21.999	20.000	1.0000	14.130	
6u	1	0	21.999	20.000	1.0000	46.830	
6n	1	0	21.999	20.000	1.0000	26.645	
7r	1	0	25.669	20.000	1.0000	14.130	
7u	1	0	25.669	20.000	1.0000	46.830	
7n	1	0	25.669	20.000	1.0000	26.645	
3jz	1	3	10.989	0.0000	18.000	230.00	
4jz	1	3	14.659	0.0000	18.000	230.00	
5jz	1	3	18.329	0.0000	18.000	230.00	
6jz	1	3	21.999	0.0000	18.000	230.00	
7jz	1	3	25.669	0.0000	18.000	230.00	
3jv	1	3	10.989	0.0000	23.000	140.00	
4jv	1	3	14.659	0.0000	23.000	140.00	
5jv	1	3	18.329	0.0000	23.000	140.00	
6jv	1	3	21.999	0.0000	23.000	140.00	
7jv	1	3	25.669	0.0000	23.000	140.00	
3spn	1	3	10.989	0.0000	18.000	230.00	
3spr	1	3	8.2540	0.0000	18.000	185.00	
3spu	1	3	10.989	0.0000	23.000	140.00	
7vrn	1	3	28.404	0.0000	6.0000	50.0000	
7vrr	1	3	28.404	0.0000	6.0000	5.0000	
7vru	1	3	28.404	0.0000	6.0000	320.00	
Component	Type	C+	L+	Description			
3no	120	3	0	Specific air flow crack			m = rho.f(W,L,dP)
1.0000000				2.50000004E-02 3.6700001			
3uo	120	3	0	Specific air flow crack			m = rho.f(W,L,dP)
1.0000000				2.50000004E-02 3.6700001			
4no	120	3	0	Specific air flow crack			m = rho.f(W,L,dP)
1.0000000				2.50000004E-02 3.6700001			
4uo	120	3	0	Specific air flow crack			m = rho.f(W,L,dP)
1.0000000				2.50000004E-02 3.6700001			

5no	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	2.50000004E-02	3.6700001			
5uo	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	2.50000004E-02	3.6700001			
6no	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	2.50000004E-02	3.6700001			
6uo	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	2.50000004E-02	3.6700001			
7no	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	2.50000004E-02	3.6700001			
7uo	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	2.50000004E-02	3.6700001			
3spno	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	1.70000009E-02	6.5999999			
3spro	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	1.70000009E-02	4.5999999			
3spuo	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	1.70000009E-02	11.6000000			
7vrhno	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	3.29999998E-02	6.5999999			
7vrhro	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	3.29999998E-02	4.5999999			
7vrhuo	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	3.29999998E-02	11.6000000			
3n3ro	110	2	0	Specific air flow opening	m = rho.f(A,dP)
1.0000000	4.0370002				
3r3uo	110	2	0	Specific air flow opening	m = rho.f(A,dP)
1.0000000	4.0370002				
4n4ro	110	2	0	Specific air flow opening	m = rho.f(A,dP)
1.0000000	4.0370002				
4r4uo	110	2	0	Specific air flow opening	m = rho.f(A,dP)
1.0000000	4.0370002				
5n5ro	110	2	0	Specific air flow opening	m = rho.f(A,dP)
1.0000000	4.0370002				
5r5uo	110	2	0	Specific air flow opening	m = rho.f(A,dP)
1.0000000	4.0370002				
6n6ro	110	2	0	Specific air flow opening	m = rho.f(A,dP)
1.0000000	4.0370002				
6r6uo	110	2	0	Specific air flow opening	m = rho.f(A,dP)
1.0000000	4.0370002				
7n7ro	110	2	0	Specific air flow opening	m = rho.f(A,dP)
1.0000000	4.0370002				
7r7uo	110	2	0	Specific air flow opening	m = rho.f(A,dP)
1.0000000	4.0370002				
3n4no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.8860000	7.2600002	3.6700001	1.99999995E-05	0.16000000
4n5no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.8860000	7.2600002	3.6700001	1.99999995E-05	0.16000000
5n6no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.8860000	7.2600002	3.6700001	1.99999995E-05	0.16000000
6n7no	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.8860000	7.2600002	3.6700001	1.99999995E-05	0.16000000
3r4ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.6740000	3.8499999	3.6700001	1.99999995E-05	0.16000000
4r5ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.6740000	3.8499999	3.6700001	1.99999995E-05	0.16000000
5r6ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.6740000	3.8499999	3.6700001	1.99999995E-05	0.16000000
6r7ro	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	1.6740000	3.8499999	3.6700001	1.99999995E-05	0.16000000
3u4uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	2.0090001	12.7600000	3.6700001	1.99999995E-05	0.16000000
4u5uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	2.0090001	12.7600000	3.6700001	1.99999995E-05	0.16000000
5u6uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	2.0090001	12.7600000	3.6700001	1.99999995E-05	0.16000000
6u7uo	210	6	0	General flow conduit component	m = rho.f(D,A,L,k,SCi)
1.0000000	2.0090001	12.7600000	3.6700001	1.99999995E-05	0.16000000
7vrдно	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)
1.0000000	2.40000002E-02	6.5999999			
7vrдрo	120	3	0	Specific air flow crack	m = rho.f(W,L,dP)

```

1.0000000      2.40000002E-02      4.5999999
7vrduo        120 3 0 Specific air flow crack      m = rho.f(W,L,dP)
1.0000000      2.40000002E-02      11.6000000
+Node          dHght      -Node          dHght      via Component
3jz            0.000      3n             0.000      3no
4jz            0.000      4n             0.000      4no
5jz            0.000      5n             0.000      5no
6jz            0.000      6n             0.000      6no
7jz            0.000      7n             0.000      7no
3jv            0.000      3u             0.000      3uo
4jv            0.000      4u             0.000      4uo
5jv            0.000      5u             0.000      5uo
6jv            0.000      6u             0.000      6uo
7jv            0.000      7u             0.000      7uo
3spn           0.000      3n            -1.835      3spno
3spr           0.000      3r            -1.835      3spro
3spu           0.000      3u            -1.835      3spuo
7n             1.835      7vrn          0.000      7vrduo
7r             1.835      7vrr          0.000      7vrduo
7u             1.835      7vru          0.000      7vrduo
3n             0.000      3r             0.000      3n3ro
3r             0.000      3u             0.000      3r3uo
4n             0.000      4r             0.000      4n4ro
4r             0.000      4u             0.000      4r4uo
5n             0.000      5r             0.000      5n5ro
5r             0.000      5u             0.000      5r5uo
6n             0.000      6r             0.000      6n6ro
6r             0.000      6u             0.000      6r6uo
7n             0.000      7r             0.000      7n7ro
7r             0.000      7u             0.000      7r7uo
3n             1.835      4n            -1.835      3n4no
4n             1.835      5n            -1.835      4n5no
5n             1.835      6n            -1.835      5n6no
6n             1.835      7n            -1.835      6n7no
3r             1.835      4r            -1.835      3r4ro
4r             1.835      5r            -1.835      4r5ro
5r             1.835      6r            -1.835      5r6ro
6r             1.835      7r            -1.835      6r7ro
3u             1.835      4u            -1.835      3u4uo
4u             1.835      5u            -1.835      4u5uo
5u             1.835      6u            -1.835      5u6uo
6u             1.835      7u            -1.835      6u7uo
7n             1.835      7vrn          0.000      7vrhno
7r             1.835      7vrr          0.000      7vrhro
7u             1.835      7vru          0.000      7vrhuo

```