

Metoda ELECTRE III

Aktuální úloha pro 6 variant a 6 kritérií

dne 6.4.2005 - 22:43:29

Vstupní data:

	MAX f1	MAX f2	MAX f3	MAX f4	MAX f5
a1	14	90	4	4.3	0
a2	29	58	8	0	7
a3	11	60	6	2.5	6
a4	54	80	0	2.2	1
a5	42	72	4	7.7	5
a6	0	96	3	6.1	3
Weights	0.07000	0.24000	0.33000	0.19000	0.09000

Upravená vstupní data:

	MAX f1	MAX f2	MAX f3	MAX f4	MAX f5
a1	14	90	4	4.3	0
a2	29	58	8	0	7
a3	11	60	6	2.5	6
a4	54	80	0	2.2	1
a5	42	72	4	7.7	5
a6	0	96	3	6.1	3
Váhy	0.07000	0.24000	0.33000	0.19000	0.09000

Matice S:

	a6	a1	a5	a3	a4
a1	0.00000	0.51000	0.50000	0.76000	0.24000
a2	0.49000	0.00000	0.49000	0.42000	0.42000
a3	0.50000	0.51000	0.00000	0.61000	0.42000
a4	0.24000	0.58000	0.39000	0.00000	0.39000
a5	0.43000	0.58000	0.58000	0.61000	0.00000
a6	0.60000	0.51000	0.43000	0.85000	0.24000

MAX	
f6	
	5
	1
	7
	10
	8
	6
0.08000	

MAX	
f6	
	5
	1
	7
	10
	8
	6
0.08000	

a2	
	0.40000
	0.49000
	0.57000
	0.15000
	0.76000
	0.00000

Metoda váženého součtu - WSA

Aktuální úloha pro 5 variant a 5 kritérií

dne 13.11.2014 - 10:59:23

Vstupní data:

	MIN	MIN	MIN	MAX	MIN
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.35000	0.20000	0.10000	0.20000

Upravená vstupní data:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	2	2660	35	60	3
LG	4.3	1072	0	100	4
Samsung	0.9	0	30	50	0
Philips	3.33	219	75.1	100	2
Sony	0	179	77	50	1
Váhy	0.10526	0.36842	0.21053	0.10526	0.21053
Ideální	4.3	2660	77	100	4
Bazální	0	0	0	50	0

Normalizovaná kritériální matice R:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	0.46512	1.00000	0.45455	0.20000	0.75000
LG	1.00000	0.40301	0.00000	1.00000	1.00000
Samsung	0.20930	0.00000	0.38961	0.00000	0.00000
Philips	0.77442	0.08233	0.97532	1.00000	0.50000
Sony	0.00000	0.06729	1.00000	0.00000	0.25000
Váhy	0.10526	0.36842	0.21053	0.10526	0.21053

u(variant)

0.69202

0.56953

0.10406

0.52771

0.28795

Metoda TOPSIS

Aktuální úloha pro 5 variant a 5 kritérií

dne 13.11.2014 - 10:59:40

Vstupní data:

	MIN	MIN	MIN	MAX	MIN
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.35000	0.20000	0.10000	0.20000

Upravená vstupní data:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	2	2660	35	60	3
LG	4.3	1072	0	100	4
Samsung	0.9	0	30	50	0
Philips	3.33	219	75.1	100	2
Sony	0	179	77	50	1
Váhy	0.10526	0.36842	0.21053	0.10526	0.21053

Normalizovaná kritériální matice R:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	0.34105	0.92303	0.29909	0.35479	0.54772
LG	0.73326	0.37199	0.00000	0.59131	0.73030
Samsung	0.15347	0.00000	0.25636	0.29566	0.00000
Philips	0.56785	0.07599	0.64176	0.59131	0.36515
Sony	0.00000	0.06211	0.65800	0.29566	0.18257
Váhy	0.10526	0.36842	0.21053	0.10526	0.21053

Vážená kritériální matice W:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	0.03590	0.34006	0.06297	0.03735	0.11531
LG	0.07719	0.13705	0.00000	0.06224	0.15375
Samsung	0.01616	0.00000	0.05397	0.03112	0.00000
Philips	0.05977	0.02800	0.13511	0.06224	0.07687
Sony	0.00000	0.02288	0.13853	0.03112	0.03844
Váhy	0.10526	0.36842	0.21053	0.10526	0.21053
Ideální	0.07719	0.34006	0.13853	0.06224	0.15375
Bazální	0.00000	0.00000	0.00000	0.03112	0.00000

di+	di-	ci
0.09752	0.36638	0.78977
0.24577	0.22214	0.47475
0.38875	0.05634	0.12658
0.32189	0.17172	0.34789
0.34760	0.14557	0.29517

Metoda ELECTRE I

Aktuální úloha pro 5 variant a 5 kritérií

dne 13.11.2014 - 11:00:42

Vstupní data:

	MIN	MIN	MIN	MAX	MIN
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.35000	0.20000	0.10000	0.20000

Upravená vstupní data:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	2	2660	35	60	3
LG	4.3	1072	0	100	4
Samsung	0.9	0	30	50	0
Philips	3.33	219	75.1	100	2
Sony	0	179	77	50	1
Váhy	0.10526	0.36842	0.21053	0.10526	0.21053

Matice C:

	Panasonic	LG	Samsung	Philips	Sony
Panasonic	---	0.57895	1.00000	0.57895	0.78947
LG	0.42105	---	0.78947	0.78947	0.78947
Samsung	0.00000	0.21053	---	0.00000	0.21053
Philips	0.42105	0.31579	1.00000	---	0.78947
Sony	0.21053	0.21053	0.89474	0.21053	---

Matice D:

	Panasonic	LG	Samsung	Philips	Sony
Panasonic	---	0.02519	0.00000	0.01643	0.01693
LG	1.00000	---	0.02799	0.08804	0.08623
Samsung	1.00000	1.00000	---	1.00000	1.00000
Philips	1.00000	1.00000	0.00000	---	0.03800
Sony	1.00000	1.00000	0.00503	1.00000	---

Matice P:

	EFEKT				
	Panasonic	LG	Samsung	Philips	Sony
Panasonic	0	1	1	1	1
LG	0	0	1	1	1
Samsung	0	0	0	0	0
Philips	0	0	1	0	1
Sony	0	0	1	0	0
C = 0.50000	D = 0.50000				

Metoda PROMETHEE

Aktuální úloha pro 5 variant a 5 kritérií

dne 13.11.2014 - 11:01:41

Preferenční funkce:

	3 - lineár	3 - lineár	3 - lineár	3 - lineár	3 - lineár
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
q-indif					
p-abs-pref	0.5	0.5	0.5	0.5	0.5
sigma					

Vstupní data:

	MIN	MIN	MIN	MAX	MIN
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10526	0.36842	0.21053	0.10526	0.21053

Maticе A:

	Panasonic	LG	Samsung	Philips	Sony
Panasonic	0.00000	0.57895	1.00000	0.57895	0.78947
LG	0.42105	0.00000	0.78947	0.68421	0.78947
Samsung	0.00000	0.21053	0.00000	0.00000	0.10526
Philips	0.42105	0.21053	1.00000	0.00000	0.78947
Sony	0.21053	0.21053	0.78947	0.21053	0.00000
F(-)	0.26316	0.30263	0.89474	0.36842	0.61842

F(+)	F
0.73684	0.47368
0.67105	0.36842
0.07895	-0.81579
0.60526	0.23684
0.35526	-0.26316

Metoda váženého součtu - WSA

Aktuální úloha pro 5 variant a 5 kritérií

dne 13.11.2014 - 12:08:43

Vstupní data:

	MIN	MIN	MIN	MAX	MIN
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.35000	0.20000	0.15000	0.20000

Upravená vstupní data:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	2	2660	35	60	3
LG	4.3	1072	0	100	4
Samsung	0.9	0	30	50	0
Philips	3.33	219	75.1	100	2
Sony	0	179	77	50	1
Váhy	0.10000	0.35000	0.20000	0.15000	0.20000
Ideální	4.3	2660	77	100	4
Bazální	0	0	0	50	0

Normalizovaná kritériální matice R:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	0.46512	1.00000	0.45455	0.20000	0.75000
LG	1.00000	0.40301	0.00000	1.00000	1.00000
Samsung	0.20930	0.00000	0.38961	0.00000	0.00000
Philips	0.77442	0.08233	0.97532	1.00000	0.50000
Sony	0.00000	0.06729	1.00000	0.00000	0.25000
Váhy	0.10000	0.35000	0.20000	0.15000	0.20000

u(variant)

0.66742

0.59105

0.09885

0.55132

0.27355

Metoda TOPSIS

Aktuální úloha pro 5 variant a 5 kritérií

dne 13.11.2014 - 12:09:02

Vstupní data:

	MIN	MIN	MIN	MAX	MIN
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.35000	0.20000	0.15000	0.20000

Upravená vstupní data:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	2	2660	35	60	3
LG	4.3	1072	0	100	4
Samsung	0.9	0	30	50	0
Philips	3.33	219	75.1	100	2
Sony	0	179	77	50	1
Váhy	0.10000	0.35000	0.20000	0.15000	0.20000

Normalizovaná kritériální matice R:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	0.34105	0.92303	0.29909	0.35479	0.54772
LG	0.73326	0.37199	0.00000	0.59131	0.73030
Samsung	0.15347	0.00000	0.25636	0.29566	0.00000
Philips	0.56785	0.07599	0.64176	0.59131	0.36515
Sony	0.00000	0.06211	0.65800	0.29566	0.18257
Váhy	0.10000	0.35000	0.20000	0.15000	0.20000

Vážená kritériální matice W:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	0.03411	0.32306	0.05982	0.05322	0.10954
LG	0.07333	0.13020	0.00000	0.08870	0.14606
Samsung	0.01535	0.00000	0.05127	0.04435	0.00000
Philips	0.05679	0.02660	0.12835	0.08870	0.07303
Sony	0.00000	0.02174	0.13160	0.04435	0.03651
Váhy	0.10000	0.35000	0.20000	0.15000	0.20000
Ideální	0.07333	0.32306	0.13160	0.08870	0.14606
Bazální	0.00000	0.00000	0.00000	0.04435	0.00000

di+	di-	ci
0.09635	0.34812	0.78323
0.23349	0.21361	0.47777
0.37079	0.05352	0.12614
0.30579	0.16645	0.35247
0.33187	0.13829	0.29414

Metoda ELECTRE I

Aktuální úloha pro 5 variant a 5 kritérií

dne 13.11.2014 - 12:09:15

Vstupní data:

	MIN	MIN	MIN	MAX	MIN
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.35000	0.20000	0.15000	0.20000

Upravená vstupní data:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	2	2660	35	60	3
LG	4.3	1072	0	100	4
Samsung	0.9	0	30	50	0
Philips	3.33	219	75.1	100	2
Sony	0	179	77	50	1
Váhy	0.10000	0.35000	0.20000	0.15000	0.20000

Matice C:

	Panasonic	LG	Samsung	Philips	Sony
Panasonic	---	0.55000	1.00000	0.55000	0.80000
LG	0.45000	---	0.80000	0.80000	0.80000
Samsung	0.00000	0.20000	---	0.00000	0.25000
Philips	0.45000	0.35000	1.00000	---	0.80000
Sony	0.20000	0.20000	0.90000	0.20000	---

Matice D:

	Panasonic	LG	Samsung	Philips	Sony
Panasonic	---	0.02519	0.00000	0.01643	0.01693
LG	1.00000	---	0.02799	0.08804	0.08623
Samsung	1.00000	1.00000	---	1.00000	1.00000
Philips	1.00000	1.00000	0.00000	---	0.03800
Sony	1.00000	1.00000	0.00503	1.00000	---

Matice P:

	EFEKT				
	Panasonic	LG	Samsung	Philips	Sony
Panasonic	0	1	1	1	1
LG	0	0	1	1	1
Samsung	0	0	0	0	0
Philips	0	0	1	0	1
Sony	0	0	1	0	0
C = 0.50000	D = 0.50000				

Metoda PROMETHEE

Aktuální úloha pro 5 variant a 5 kritérií

dne 13.11.2014 - 12:09:34

Preferenční funkce:

	3 - lineár	3 - lineár	3 - lineár	3 - lineár	3 - lineár
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
q-indif					
p-abs-pref	0.5	0.5	0.5	0.5	0.5
sigma					

Vstupní data:

	MIN	MIN	MIN	MAX	MIN
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.35000	0.20000	0.15000	0.20000

Maticice A:

	Panasonic	LG	Samsung	Philips	Sony
Panasonic	0.00000	0.55000	1.00000	0.55000	0.80000
LG	0.45000	0.00000	0.80000	0.65000	0.80000
Samsung	0.00000	0.20000	0.00000	0.00000	0.10000
Philips	0.45000	0.20000	1.00000	0.00000	0.80000
Sony	0.20000	0.20000	0.75000	0.20000	0.00000
F(-)	0.27500	0.28750	0.88750	0.35000	0.62500

F(+)	F
0.72500	0.45000
0.67500	0.38750
0.07500	-0.81250
0.61250	0.26250
0.33750	-0.28750

Metoda váženého součtu - WSA

Aktuální úloha pro 5 variant a 5 kritérií

dne 13.11.2014 - 12:11:12

Vstupní data:

	MIN	MIN	MIN	MAX	MIN
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.25000	0.20000	0.15000	0.30000

Upravená vstupní data:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	2	2660	35	60	3
LG	4.3	1072	0	100	4
Samsung	0.9	0	30	50	0
Philips	3.33	219	75.1	100	2
Sony	0	179	77	50	1
Váhy	0.10000	0.25000	0.20000	0.15000	0.30000
Ideální	4.3	2660	77	100	4
Bazální	0	0	0	50	0

Normalizovaná kritériální matice R:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	0.46512	1.00000	0.45455	0.20000	0.75000
LG	1.00000	0.40301	0.00000	1.00000	1.00000
Samsung	0.20930	0.00000	0.38961	0.00000	0.00000
Philips	0.77442	0.08233	0.97532	1.00000	0.50000
Sony	0.00000	0.06729	1.00000	0.00000	0.25000
Váhy	0.10000	0.25000	0.20000	0.15000	0.30000

u(variant)

0.64242

0.65075

0.09885

0.59309

0.29182

Metoda TOPSIS

Aktuální úloha pro 5 variant a 5 kritérií

dne 13.11.2014 - 12:11:38

Vstupní data:

	MIN	MIN	MIN	MAX	MIN
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.25000	0.20000	0.15000	0.30000

Upravená vstupní data:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	2	2660	35	60	3
LG	4.3	1072	0	100	4
Samsung	0.9	0	30	50	0
Philips	3.33	219	75.1	100	2
Sony	0	179	77	50	1
Váhy	0.10000	0.25000	0.20000	0.15000	0.30000

Normalizovaná kritériální matice R:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	0.34105	0.92303	0.29909	0.35479	0.54772
LG	0.73326	0.37199	0.00000	0.59131	0.73030
Samsung	0.15347	0.00000	0.25636	0.29566	0.00000
Philips	0.56785	0.07599	0.64176	0.59131	0.36515
Sony	0.00000	0.06211	0.65800	0.29566	0.18257
Váhy	0.10000	0.25000	0.20000	0.15000	0.30000

Vážená kritériální matice W:

	MAX	MAX	MAX	MAX	MAX
	hmotnost [kg]	cena [Kč]	spotřeba [W]	frekvence [Hz]	námka expert
Panasonic	0.03411	0.23076	0.05982	0.05322	0.16432
LG	0.07333	0.09300	0.00000	0.08870	0.21909
Samsung	0.01535	0.00000	0.05127	0.04435	0.00000
Philips	0.05679	0.01900	0.12835	0.08870	0.10954
Sony	0.00000	0.01553	0.13160	0.04435	0.05477
Váhy	0.10000	0.25000	0.20000	0.15000	0.30000
Ideální	0.07333	0.23076	0.13160	0.08870	0.21909
Bazální	0.00000	0.00000	0.00000	0.04435	0.00000

di+	di-	ci
0.10464	0.29167	0.73596
0.19052	0.25297	0.57041
0.33620	0.05352	0.13733
0.23901	0.18446	0.43559
0.28402	0.14339	0.33548

Weighting sum approach - WSA

Actual problem for 5 alternatives and 5 criteria
on 24. 5. 2020 - 11:08:13

Input data:

	MIN	MIN	MIN	MAX	MIN
	weight [kg]	price [Kč]	power consumption [W]	frequency [Hz]	expert opinion
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.25000	0.20000	0.15000	0.30000

Modified input data:

	MAX	MAX	MAX	MAX	MAX
	weight [kg]	price [Kč]	power consumption [W]	frequency [Hz]	expert opinion
Panasonic	2	2660	35	60	3
LG	4.3	1072	0	100	4
Samsung	0.9	0	30	50	0
Philips	3.33	219	75.1	100	2
Sony	0	179	77	50	1
Weights	0.10000	0.25000	0.20000	0.15000	0.30000
Ideal	4.3	2660	77	100	4
Basal	0	0	0	50	0

Normalised criterion matrix R:

	MAX	MAX	MAX	MAX	MAX
	weight [kg]	price [Kč]	power consumption [W]	frequency [Hz]	expert opinion
Panasonic	0.46512	1.00000	0.45455	0.20000	0.75000
LG	1.00000	0.40301	0.00000	1.00000	1.00000
Samsung	0.20930	0.00000	0.38961	0.00000	0.00000
Philips	0.77442	0.08233	0.97532	1.00000	0.50000
Sony	0.00000	0.06729	1.00000	0.00000	0.25000
Weights	0.10000	0.25000	0.20000	0.15000	0.30000

u(alternat)

0.64242

0.65075

0.09885

0.59309

0.29182

TOPSIS Method

Actual problem for 5 alternatives and 5 criteria

on 24. 5. 2020 - 11:08:34

Input data:

	MIN	MIN	MIN	MAX	MIN
	weight [kg]	price [Kč]	power consumption [W]	frequency [Hz]	expert opinion
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.25000	0.20000	0.15000	0.30000

Modified input data:

	MIN	MIN	MIN	MAX	MIN
	weight [kg]	price [Kč]	power consumption [W]	frequency [Hz]	expert opinion
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Weights	0.10000	0.25000	0.20000	0.15000	0.30000

Normalised criterion matrix R:

	MIN	MIN	MIN	MAX	MIN
	weight [kg]	price [Kč]	power consumption [W]	frequency [Hz]	expert opinion
Panasonic	0.44699	0.37592	0.46538	0.35479	0.26968
LG	0.35353	0.43628	0.60701	0.59131	0.13484
Samsung	0.49169	0.47703	0.48561	0.29566	0.67420
Philips	0.39294	0.46870	0.30310	0.59131	0.40452
Sony	0.52826	0.47022	0.29541	0.29566	0.53936
Weights	0.10000	0.25000	0.20000	0.15000	0.30000

Weighted criterion matrix W:

	MIN	MIN	MIN	MAX	MIN
	weight [kg]	price [Kč]	power consumption [W]	frequency [Hz]	expert opinion
Panasonic	0.04470	0.09398	0.09308	0.05322	0.08090
LG	0.03535	0.10907	0.12140	0.08870	0.04045
Samsung	0.04917	0.11926	0.09712	0.04435	0.20226
Philips	0.03929	0.11718	0.06062	0.08870	0.12136
Sony	0.05283	0.11756	0.05908	0.04435	0.16181
Weights	0.10000	0.25000	0.20000	0.15000	0.30000
Ideal	0.03535	0.09398	0.05908	0.08870	0.04045
Basal	0.05283	0.11926	0.12140	0.04435	0.20226

di+	di-	ci
0.06433	0.12772	0.66505
0.06412	0.16899	0.72493
0.17443	0.02455	0.12340
0.08427	0.11133	0.56917
0.13250	0.07432	0.35934

Multicriteria evaluation of alternative

input/edit of the data set

date 27.6.2000

	min ▼	min ▼	min ▼	max ▼	min ▼
	weight [kg]	price [Kč]	power consumption [W]	frequency [Hz]	expert opinion
Panasonic	11	9890	115	60	2
LG	8.7	11478	150	100	1
Samsung	12.1	12550	120	50	5
Philips	9.67	12331	74.9	100	3
Sony	13	12371	73	50	4
Váhy	0.10000	0.25000	0.20000	0.15000	0.30000

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