	- 0	v 0	n	4	2	9	7	ω	6	10	Ξ	12	13	4	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
nicht erwünschte	egten ektes eines	ektes	Objektes	eines stationären Objektes	bewegten Objektes	eines stationären Objektes	egten	eines ektes	igkeit	Kraft	Bunut	Form	Objektes	tigkeit	eines	Haltbarkeit eines stationären Objektes	Temperatur	ligkeit	eines ektes	eines	stung	gunpu	gunpu	rerlust	gunpu	nenge	sigkeit	igkeit	igkeit	gative	Nebeneffekte des Objektes	chkeit	chkeit	chkeit	igkeit	mplexität in der Struktur	in der erung	sgrad	ctivität
Veränderung (Konflikt)		en Ob	9	statio	ss bew Ob	statio	es beweg Objek	Volumen eines stationären Objektes	Geschwindigkeit		ar Spai		eines Ob	Fes	parkeit en Obj	en Ob	Тетр	F	rauch e	nergieverbrauch eines stationären Objektes	Le	schwei	schwei	ations	Zeitverschwendu	Materialn	Zuverlässigke	Meßgenauigkeit	-ertigungsgenauigkeit	außere negative Einflüsse auf Objekt	lebene les Ob	Fertigungsfreundlichkeit	edienungsfreundlichkeit	Reparaturfreundlichkeit	Anpassungsfähigkei	lexität St	Komplexität in der Kontrolle oder Steuerung	sierung	Produk
zu		P 9		eines	ne eines	eines	/olumen eines	Vc ationär	Ges		ick oder		itätein		Haltba	Haltt			rgieverbrau bewegten	gievert		rgieversch	ialver	luform	eitver	ž	Zu	Mer	tigungs	auß inflüss	negative N	lungsfi	ınngsfi	araturfi	passu	Komp	Komp lle ode	omatik	
verbessemder Parameter	Gewic	statik		Länge	Fläche	Fläche	Volum	st			Druck		Stabilität			st			Energ	Energ		Ener	Mate		Z				Fe	ш	neg	Fertig	Sedien	Rep	¥		Kontro	Au	
1 Gewicht eines bewegten Objektes	4		, 8,		29, 17, 38, 34		29, 2, 40, 28			8, 10, 18, 37							6, 20, 4, 38		35, 12, 34, 31		12, 36,		5, 35, 3, 31		10, 35, 20, 28					22, 21,							28, 29,		
2 Gewicht eines stationären Objektes				10, 1, 29, 35		35, 30, 13, 2	,	5, 35, 14, 2			13, 29,	13, 10,	26, 39,	28, 2,		2, 27,	28, 19, 32, 22	19, 32,	-,,	18, 19,	15, 19,	18, 19, 28, 15	5, 8,	10, 15,	10, 20, 35, 26	19, 6,	10, 28,	18, 26,	10, 1,	2, 19,	35, 22,	28, 1,	6, 13,	2, 27,	19, 15,	1, 10,	25, 28,	2, 26,	1, 28,
3 Länge eines bewegten Objektes	8, 15, 29, 34				15, 17, 4		7, 17, 4, 35		13, 4, 8	17, 10, 4	1, 8, 35	1, 8,	1, 8, 15, 34	8, 35,	19		10, 15, 19		8, 35, 24		1, 35	7, 2,	4, 29, 23, 10	1 24		20 35		28, 32,	10, 28, 29, 37	1, 15,	17, 15	1, 29, 17	15, 29,	1, 28,	14, 15,	1, 19, 26, 24	35, 1, 26, 24	17, 24, 26, 16	14, 4, 28, 29
Länge eines stationären Objektes	35, 40	28,	П	·		17, 7, 10, 40		35, 8, 2, 14		28, 10		13, 14, 15, 7	39, 37,				3, 35, 38, 18	3, 25			12, 8	6.28	10, 28, 24, 35	24 26	30, 29, 14		15, 29, 28			1, 18		15, 17, 27		1	1, 35	1, 26			30, 14, 7, 26
5 Fläche eines bewegten Objektes	2, 17, 29, 4		15,				7, 14, 17, 4					5, 34, 29, 4			6, 3		2, 15,	15, 32, 19, 13	19, 32		19, 10, 32, 18	15, 17, 30, 26	10, 35, 2, 39	30, 26		29, 30, 6, 13		26, 28, 32, 3	2 32	22, 33, 28, 1	17, 2, 18, 39	13, 1, 26, 24	15, 17, 13, 16	15, 13, 10, 1	15, 30		2, 36, 26, 18		
6 Fläche eines stationären Objektes	30 14	, 2, , 18		26, 7, 9, 39						1, 18, 35, 36	10, 15,		2, 38	40		2, 10, 19, 30	35, 39,				17, 32		10, 14, 18, 39	30, 16	10, 35, 4, 18					27, 2,	22, 1,	40, 16	1	16	15, 16	1, 18, 36	2, 35, 30, 18	23	10, 15, 17, 7
7 Volumen eines bewegten Objektes	2, 26, 29, 40		7, 4,		1, 7, 4, 17				29, 4, 38, 34	15, 35, 36, 37	6, 35, 36, 37		28, 10, 1, 39		6, 35, 4		34, 39, 10, 18		35		35, 6, 13, 18	7, 15, 13, 16	36, 39, 34, 10		2, 6,	29, 30,		25, 26,	25, 28,	22, 21, 27, 35	17, 2,		15, 13, 30, 12		15, 29	26, 1	29, 26, 4	35, 34, 16, 24	
8 Volumen eines stationären Objektes		10, 14 19		35, 8, 2, 14						2, 18, 37	24, 35		34, 28, 35, 40			35, 34, 38	35, 6, 4				30, 6		10, 39, 35, 34		35, 16, 32, 18	35, 3	2, 35, 16			34, 39, 19, 27		35		1		1, 31	2, 17, 26		35, 37, 10, 2
9 Geschwindigkeit	2, 8, 28, 13,		14,		29, 30, 34		7, 29, 34					35, 15,		8, 3, 26, 14	3, 19, 35, 5		28, 30, 36, 2	10, 13, 19	8, 15, 35, 38			14, 20, 19, 35												34, 2, 28, 27	15, 10, 26		3, 34, 27, 16	10, 18	
10 Kraft	38 8, 1, 18,	13, 17,	19,	28, 10	19, 10,		15, 9,	2, 36,			18, 21,	10, 35,	35, 10,	35, 10,	19, 2		35, 10,		19, 17,		19, 35,		8, 35,		10, 37,	14, 29,	3, 35,	25, 10,	28, 29,	1, 35,	13, 3,	15, 37,	1, 28,	15, 1,	15, 17,	26, 35,	36, 37,	2 35	3, 28,
11 Druck oder Spannung	10, 36, 13,		10,	35, 1,	10, 15,	10, 15,		18, 37 35, 24	6, 35,	36, 35,	11		35, 33,	9, 18,	19, 3,	-	21 35, 39,		10 14, 24,	36, 37	10, 35,	2, 36,	40, 5 10, 36,	 	37, 36,	10, 14,	10, 13,	6, 28,	37, 36	22, 2,	2, 33,	1, 35,	3, 25	2	18, 20 35	19, 1,	10, 19 2, 36,	35.24	35, 37 10, 14,
12 Form	37, 40 10 8, 10, 15,	10, 29,	34, 1	13, 14,		35, 37	14, 4,	7, 2,	36 35, 15,			15, 10		30, 14,			19, 2 22, 14,		10, 37 2, 6,		14 4, 6, 2		3, 37 35, 29,	-	4 14, 10,			25 28, 32,	32, 30,	22, 1,	27, 18 35, 1	1, 32,	32, 15,	2, 13,	1, 15,		37 15, 13,	15, 1,	35, 37 17, 26,
13 Stabilität eines Objektes	29, 40 26	39, 13,	15,	10, 7 37	4, 10 2, 11,	39		34, 28,	33, 15,		2, 35,		18, 4	10, 40	9, 25		19, 32 35, 1,	32, 3,	34, 14 13, 19		32, 35,	14, 2,	3, 5 2, 14,		34, 17	15, 32,	16	13		2, 35 35, 24,	35, 40,		32, 35,				35, 22,		23, 35,
14 Festigkeit	1, 8, 40,	26, 1,		15, 14,	3, 34,	9, 40,	10, 15,	9, 14,		10, 18,	10, 3,	18, 4		15	27, 3,	35, 23	30, 10,	27, 15 35, 19	19, 35,	29, 18 35	10, 26,	35	30, 40 35, 28,	<u> </u>	29, 3,		11, 3	3, 27,	3, 27	18, 35,		11, 3,	32, 40,	10, 16 27, 11,	15, 3,	2, 13,	39, 23 27, 3,	15	40, 3 29, 35,
15 Haltbarkeit eines	40, 15 27 19, 5, 34, 31	2,	19, 9	28, 26	3, 17, 19	28	10, 2, 19, 30	17, 15	26, 14 3, 35, 5		19, 3,	35, 40 14, 26, 28, 25	13, 3,	27, 3, 10	26	-	19, 35,		28, 6, 35, 18		35, 28 19, 10, 35, 38		31, 40 28, 27, 3, 18	10	28, 10 20, 10, 28, 18		11, 2,			22, 15,		27, 1,	12, 27		32 1, 35, 13	10, 4,	15, 40	6.10	10, 14 35, 17, 14, 19
bewegten Objektes Haltbarkeit eines stationären Objektes	6,		9	1, 10,	19	-	-	35, 34, 38	5	16		20, 25	35 39, 3, 35, 23	10			39 19, 18, 36, 40	4, 35	35, 16		16		27, 16, 18, 38	10	28, 20,	3, 35,			10, 40	33, 28 17, 1,	22	35, 10	1	1	2	29, 15	39, 35 25, 34, 6, 35		10, 20, 16, 38
17 Temperatur	36, 22, 22,	35, 15,	19, 1	35 15, 19, 9	3, 35, 39, 18	35, 38	34, 39, 40, 18	35, 6,	2, 28,	35, 10, 3, 21			1, 35,		19, 13, 39			32, 30, 21, 16	19, 15, 3, 17			21, 17, 35, 38	21, 36,	<u> </u>	10, 16 35, 28, 21, 18	3, 17,			24	40, 33 22, 33, 35, 2	22, 35, 2, 24	26, 27	26, 27	4, 10, 16	2, 18, 27		3, 27,		15, 28,
18 Helligkeit	19, 1, 2,	35, 19,	32,	-	19, 32,		2, 13,	-		26, 19,	15, 2	32, 30	32, 3, 27	35, 19	2, 19,	30, 40	32, 35, 19	21, 10		32, 35, 1, 15	32	19, 16, 1, 6	13, 1	1, 6	10 1	1, 19	3, 10	11, 15, 32	3, 32					15, 17, 13, 16	15, 1,	6, 32, 13			2, 25,
19 Energieverbrauch eines bewegten Objektes	12, 18, 28, 31		, 28		15, 19, 25		35, 13, 18		8, 15,	16, 26, 21, 2	23, 14, 25		19, 13,	5, 19, 9, 35	28, 35, 6, 18			2, 15, 19	15			12, 22, 15, 24			35, 38, 19, 18			3, 1, 32		1, 35, 6, 27	2, 35,			1, 15,	15, 17, 13, 16	2, 29,			12, 28,
20 Energieverbrauch eines stationären Objektes	19	, 9, 27	\top				10		- 55	36, 37			27, 4, 29, 18	35	0, 10		5, 14	19, 2, 35, 32			57, 10		28, 27, 18, 31			3, 35,		- 52			19, 22, 18	1, 4		17,20	13, 10	21,20	19, 35, 16, 25		1, 6
21 Leistung	8, 36, 19, 38, 31 17	26, 1,			19, 38	17, 32, 13, 38	35, 6, 38	30, 6, 25		26, 2, 36, 35		29, 14, 2, 40	35, 32,		19, 35, 10, 38		2, 14, 17, 25	16, 6,	16, 6, 19, 37			10, 35, 38		10, 19	35, 20, 10, 6		19, 24,	32, 15, 2	32, 2					35, 2, 10, 34			19, 35,	28, 2, 17	28, 35, 34
22 Energieverschwendung	15, 6, 19	, 6, 7, 2	2, 6,		15, 26, 17, 30	17, 7,	7, 18,	7	16, 35, 38	36, 38		2, 10	14, 2, 39, 6	26	10,00		19, 38,		10, 01		3, 38		35, 27, 2, 37	19, 10			11, 10, 35	32		21, 22, 35, 2			35, 22, 1			7, 23	35, 3, 15, 23	2	28, 10, 29, 35
23 Materialverschwendung	35, 6, 35 23, 40 22	, 6, 14,	29, 1	10, 28,	35, 2,	10, 18,			10, 13,				2, 14,				21, 36,	1, 6,		28, 27, 12, 31			_,			6, 3,	10, 29,		35, 10, 24, 31	33, 22,	10, 1,		32, 28,	2, 35, 34, 27			35, 18, 10, 13	35, 10,	
24 Informationsverlust	10, 24, 10,	25	26		30, 26				26, 32		,	-, -		.,	10	10		19		,	10, 19				24, 26, 28, 32	24, 28,				22, 10,			27, 22	,	_		35, 33		13, 23,
25 Zeitverschwendung	10, 20, 10, 37, 35 26	20, 15					2, 5, 34, 10			10, 37, 36, 5				29, 3, 28, 18					35, 38, 19, 18	1		10, 5, 18, 32	35, 18, 10, 39				10, 30,			35, 18, 34	35, 22,				35, 28	6, 29	18, 28, 32, 10	24, 28,	
26 Materialmenge	35, 6, 27, 18, 31 18	26, 29,	14,		15, 14,		15, 20, 29		35, 29, 34, 28	35, 14,		35 14	15, 2,	14, 35, 34, 10	3, 35,	3, 35,	3, 17, 39		34, 29, 16, 18		35	7, 18,		24, 28,					33 30	35, 33,	3, 35,	29, 1,	35, 29,	2, 32, 10, 25		3, 13, 27, 10		8 35	13, 29, 3, 27
27 Zuverlässigkeit	3, 8, 3,	10, 15	, 9, 1		17, 10,	32, 35,	3, 10, 14, 24			8, 28,	10, 24,	35, 1,		11, 28		34, 27,		11, 32, 13	21, 11, 27, 19	36 23	21, 11, 26, 31	10, 11,		10 28	10, 30,			32, 3,	11, 32,	27, 35, 2, 40	35, 2,		27, 17, 40				27, 40,	11, 13,	
28 Meßgenauigkeit	32, 35, 28, 26, 28 25	35, 28,	26, 3	32, 28,	26, 29,	26, 28,	32, 13,					6, 28,	32, 35, 13	28, 6, 32		10, 26,		6, 1,	3, 6, 32			26, 32,			24, 34, 28, 32	2, 6,				28, 24,	3, 33,		1, 13,	1, 32, 13, 11	13, 35,	27, 35,	26, 24, 32, 28	28, 2,	10, 34,
29 Fertigungsgenauigkeit	28, 32, 28, 13, 18 27	35, 10,	28,	2, 32,		2, 29,	32, 28,	25, 10, 35	10, 28,	28, 19, 34, 36		22 20	30, 18		3, 27, 40			3, 32	32, 2		32, 2	13, 32, 2			22 26		11, 32, 1			26, 28, 10, 36	4, 17,		1, 32, 35, 23	25 10		26, 2, 18		26, 28, 18, 23	10, 18,
30 äußere negative Einflüsse auf Objekt	22, 21, 2, 27, 39 13		, 1,	1, 18			22, 23, 37, 35	34, 39,	21, 22,	13, 35,								1, 19, 32, 13	1, 24, 6, 27	10, 2, 22, 37					35, 18, 34												22, 19, 29, 40		22, 35, 13, 24
31 negative Nebeneffekte des Objektes	19, 22, 35, 15, 39 1,					22, 1,	17, 2, 40	30, 18,	35, 28,	35, 28,	2, 33,	35 1	35, 40,	15, 35,	15, 22,	21, 39,	22, 35,	19, 24, 39, 32	2, 35,	19, 22,	2, 35,		10, 1,	10, 21,		3, 24, 39, 1			4, 17, 34, 26							19, 1,	2, 21, 27, 1	2	22, 35, 18, 39
32 Fertigungsfreundlichkeit	28, 29, 1, 15, 16 36						13, 29, 1, 40	35	35, 13, 8, 1	35, 12	35, 19, 1, 37														35, 28, 34, 4			1, 35, 12, 18		24, 2			2, 5, 13, 16	35, 1, 11, 9	2, 13, 15	27, 26,	6, 28, 11, 1	8, 28, 1	35, 1, 10, 28
33 Bedienungsfreundlichkeit	25, 2, 6, 13, 15 1,	13, 1, 25 13	17,		1, 17, 13, 16	18, 16, 15, 39	1, 16, 35, 15	4, 18, 39, 31	18, 13, 34	28, 13,	2, 32,	15, 34,	32, 35,	32, 40,	29, 3,	1, 16,	26, 27,	13, 17,	1, 13, 24		35, 34, 2, 10	2, 19, 13	28, 32, 2, 24	4, 10, 27, 22	4, 28, 10, 34	12, 35	17, 27, 8, 40	25, 13, 2, 34	1, 32, 35, 23	2, 25, 28, 39		2, 5, 12		12, 26, 1, 32	15, 34, 1, 16	32, 26, 12, 17		1, 34, 12, 3	15, 1,
34 Reparaturfreundlichkeit	2, 27, 2, 35, 11 35	27, 1, , 11 10	28,	3, 18, 31	15, 13, 3, 2	16, 25	25, 2, 35, 11	1	34, 9	1, 11, 10	13	1, 13, 2, 4	2, 35	11, 1, 2, 9	11, 29, 28, 27	1	4, 10	15, 1, 13	28, 16		15, 10,	15, 1, 32, 19	2, 35,		32, 1,	2, 28,	11, 10,	10, 2,	25, 10	35, 10, 2, 16					7, 1, 4, 16			34, 35, 7, 13	1, 32,
35 Anpassungsfähigkeit	1, 6, 19, 15, 8 29	15, 35	, 1,	1, 35, 16	35, 30, 29, 7	15, 16	15, 35, 29		35, 10, 14	15, 17, 20	35, 16	15, 37, 1, 8	35, 30, 14	35, 3, 32, 6	13, 1, 35	2, 16	27, 2, 3, 35	6, 22, 26, 1	19, 35, 29, 13		19, 1,	18, 15, 1	15, 10,	T	35 28	3, 35, 15	35, 13,	35, 5,		35, 11, 32, 31		1, 13, 31	15, 34, 1, 16	1, 16, 7, 4		15, 29, 37, 28	1	27 24	35, 28,
36 Komplexität in der Struktur	20 20 2	36, 1,	19,	26		6 36	34, 25, 6	1, 16	34, 10, 28	26, 16	19, 1, 35	29, 13, 28, 15	2, 22, 17, 19	2, 13, 28	10, 4, 28, 15		2, 17,	24, 17,			20, 19, 30, 34	10, 35, 13, 2	35, 10, 28, 29		6, 29	13, 3, 27, 10	13, 35, 1	2, 26, 10, 34	26, 24,	22, 19,	19, 1	27, 26,	· · · · · · · · · · · · · · · · · · ·	1	29, 15, 28, 37		15, 10, 37, 28	15, 1,	12, 17,
37 Komplexität in der Kontrolle oder Steuerung	27, 26, 6,	13, 16,					29, 1, 4, 16	2, 18, 26, 31	3, 4, 16, 35	36, 28, 40, 19	35, 36, 37, 32	27, 13, 1, 39	11, 22, 39, 30	27, 3, 15, 28	19, 29, 39, 25				35, 38		16, 10	15, 19	10, 24	27, 22	32, 9	29, 18	28, 8	32, 28		22, 19, 29, 28	2, 21	5, 28, 11, 29	2.5	T	1 15			34, 21	35, 18
38 Automatisierungsgrad	28, 26, 28, 18, 35 35	26, 14,	13,	23	17, 14, 13		35, 13, 16		28, 10	2, 35	13, 35	15, 32, 1, 13	40 4	25, 13	6, 9		26, 2,	8, 32, 19	2, 32, 13		28, 2, 27	23, 28	35, 10, 18, 5	35, 33	24, 28, 35, 30	35, 13	11, 27, 32	28, 26, 10, 34	28, 26, 18, 23	2, 33	2	1, 26, 13	1, 12, 34, 3	13	27, 4, 1, 35	10	25		5, 12, 35, 26
39 Produktivität	35, 26, 28, 24, 37 15	27, 18	, 4,	30, 7, 14, 26	10, 26,	10, 35, 17, 7	2, 6,	35, 37, 10, 2				14, 10,	35, 3,				35, 21,	26, 17, 19, 1	35, 10,		35, 20,	28, 10, 29, 35	28, 10,	13, 15,		35, 38	1, 35, 10, 38	1, 10, 34, 28	18, 10, 32, 1	22, 35, 13, 24	35, 22, 18, 39	35, 28, 2, 24	1, 28, 7, 19	1, 32, 10, 25	1, 35, 28, 37	12, 17, 28, 24	35, 18, 27, 2	5, 12, 35, 26	