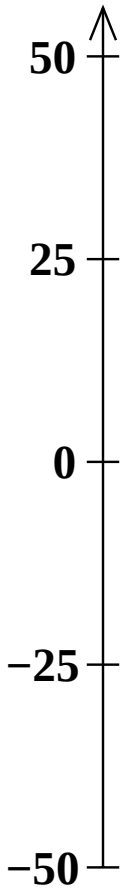
9stufige Grauskalierung zwischen L^*_{0aN}=−44.5 und L^*_{0aW}=44.5, Y_{0ref}=1.8, Normierung Grau *U*

L^*_{0aN}=−44.4, L^*_{0aU}=0.0, L^*_{0aW}=44.5, Y_{0aN}=3.0, Y_{0aU}=18.0, Y_{0aW}=108.0, C_{0aY}=Y_{0aW}:Y_{0aN}=36.0

L^*_{taN}=−35.1, L^*_{taU}=0.0, L^*_{taW}=42.6, Y_{taN}=4.4, Y_{taU}=18.0, Y_{taW}=99.8, C_{taY}=Y_{taW}:Y_{taN}=22.9

Regularitätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen

g^* = 100 [ΔL^*_{min}] / [ΔL^*_{max}], $L^*_{TUBJND1}$ = 40 / log(5) [log (Y/Y_u)] mit Y_u=18



	g^*_5= 100, g^*_9= 100	angestrebte Ausgabe				g^*_5= 73, g^*_9= 68	reale Ausgabe				g^*_5= 98, g^*_9= 94	linearisierte Ausgabe	
	n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/1.14}$	L*la	ΔL*la
	9	44.5	1.0	108.0	1.0	42.6		1.0	99.8	1.0	42.6	
							10.9					9.7
	8	33.4	0.875	69.0	0.629	31.7		0.86	64.4	0.876	32.9	
							10.8					9.7
	7	22.3	0.75	44.1	0.391	20.9		0.721	41.7	0.75	23.1	
							10.6					9.8
	6	11.1	0.625	28.2	0.24	10.3		0.585	27.2	0.624	13.3	
							10.3					9.8
	5	0.0	0.5	18.0	0.143	0.0		0.453	18.0	0.498	3.5	
							9.9					9.7
	4	−11.0	0.375	11.5	0.081	−9.8		0.326	12.1	0.373	−6.1	
							9.3					9.6
	3	−22.2	0.25	7.3	0.041	−19.1		0.206	8.3	0.249	−15.7	
							8.5					9.4
	2	−33.3	0.125	4.7	0.016	−27.6		0.097	5.9	0.128	−25.2	
							7.5					10.0
	1	−44.4	0.0	3.0	0.0	−35.1		0.0	4.4	0.0	−35.1	

ΔL^*_{0a}=11.1 (i=1,2,...,8)

Normierung: $Y_{taiU}=Y_{0aU}\,\frac{Y_{0ai}+Y_{0ref}}{Y_{0aU}+Y_{0ref}}$