

# Optical Engineering

SPIEDigitalLibrary.org/oe

## **Errata: Minimizing eyestrain on a liquid crystal display considering gaze direction and visual field of view**

Won Oh Lee  
Hwan Heo  
Eui Chul Lee  
Kang Ryoung Park



SPIE

# Errata: Minimizing eyestrain on a liquid crystal display considering gaze direction and visual field of view

**Won Oh Lee**

**Hwan Heo**

Dongguk University-Seoul

Division of Electronics and Electrical Engineering

26, Pil-dong 3-ga, Jung-gu

Seoul 100-715, Republic of Korea

**Eui Chul Lee**

Sangmyung University

Division of Computer Science

7 Hongji-dong, Jongno-gu

Seoul 110-743, Republic of Korea

**Kang Ryoung Park**

Dongguk University-Seoul

Division of Electronics and Electrical Engineering

26, Pil-dong 3-ga, Jung-gu

Seoul 100-715, Republic of Korea

E-mail: [parkgr@dgu.edu](mailto:parkgr@dgu.edu)

[DOI: [10.1117/1.OE.52.7.079801](https://doi.org/10.1117/1.OE.52.7.079801)]

This article [*Opt. Eng.* **52**(7), 073104 (2013)] was originally published on 9 July 2013 with an error in Table 2. For Subject number 19, the value in the last column (EC) should

be 0.7314, not -0.7314. The corrected table is reprinted below.

The paper was corrected online on 12 July 2013.

**Table 2** Experimental values from 24 subjects.

Subject number	Correlation coefficient			Gradient			$R_2$		
	VH	MC	EC	VH	MC	EC	VH	MC	EC
1	0.4836	-0.801	-0.7849	0.3681	-0.571	-0.6316	0.2562	0.6417	0.616
2	0.5241	-0.6158	-0.4413	0.3416	-0.4193	-0.2585	0.2747	0.3792	0.1948
3	0.2747	-0.4609	-0.7769	0.1505	-0.3113	-0.5347	0.0754	0.2125	0.6036
4	-0.0026	-0.2598	-0.3763	-0.0012	-0.1676	-0.1502	0	0.0675	0.1494
5	0.1391	-0.0948	-0.154	0.0715	-0.0639	-0.0708	0.0193	0.009	0.0237
6	0.6222	-0.5752	-0.5362	0.3079	-0.4269	-0.2182	0.3872	0.3309	0.2875
7	0.6222	-0.3634	-0.7617	0.4314	-0.3473	-0.562	0.3871	0.132	0.5802
8	0.5853	-0.4531	-0.6955	0.4635	-0.3758	-0.5701	0.3425	0.2053	0.4837
9	0.5718	-0.3214	-0.6862	0.3664	-0.2534	-0.432	0.3269	0.1033	0.4709
10	0.5869	-0.0578	0.3402	0.3127	-0.0395	0.1227	0.3445	0.0033	0.1157
11	0.6498	-0.1503	-0.5136	0.4904	-0.1196	-0.3149	0.4222	0.0226	0.2637
12	0.2062	-0.5521	-0.6954	0.1202	-0.602	-0.4795	0.0425	0.3007	0.4836

**Table 2** (*Continued*).

Subject number	Correlation coefficient			Gradient			$R_2$		
	VH	MC	EC	VH	MC	EC	VH	MC	EC
13	0.0082	-0.3865	-0.0667	0.0046	-0.3482	-0.034	0	0.1494	0.0045
14	0.5786	-0.241	-0.7609	0.3123	-0.1828	-0.5344	0.3348	0.0581	0.579
15	0.1889	-0.6521	-0.6976	0.0867	-0.4613	-0.4145	0.0357	0.4253	0.4866
16	0.4028	-0.3672	-0.2377	0.2242	-0.2949	-0.1212	0.1623	0.1349	0.0565
17	0.1578	-0.0129	-0.4653	0.0861	-0.0092	-0.2973	0.0249	0.0002	0.2165
18	0.5966	-0.4043	-0.1059	0.3495	-0.3092	-0.0497	0.356	0.1635	0.0112
19	0.3686	-0.4833	-0.8552	0.2246	-0.448	-0.6739	0.1359	0.2336	0.7314
20	0.4048	-0.6103	-0.768	0.2756	-0.5559	-0.5675	0.1639	0.3725	0.5818
21	0.6952	-0.7459	-0.8274	0.5043	-0.5424	-0.5942	0.4833	0.5564	0.6848
22	0.7334	-0.1463	-0.6659	0.4709	-0.1314	-0.3675	0.5378	0.0214	0.4434
23	0.6366	-0.401	-0.3906	0.4698	-0.305	-0.2327	0.4052	0.1608	0.1526
24	-0.1577	-0.5857	-0.2646	-0.0866	-0.5689	-0.1415	0.0249	0.343	0.07