Errata sheet

Title: Optimized pinning in High-temperature Superconductor thin Films
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The following errors have been detected since publication:

Place	Incorrect	Correction
Chapter 2, page 4, line 3	$H_{c1} > H > H_{c2}$	$H_{c2} > H > H_{c1}$
Chapter 2, page 5, line 3	Ref.[24]	Omit
Chapter 2, page 5, line 5	Ref.[25, 26]	Ref. [25]
Chapter 2, page 5, line 7	Ref.[24]	M. K. Wu, et. al., Phys. Rev. Lett. 58:908, 1987
Chapter 2, page 5, line 8	Ref.[25]	H. Maeda, et. al., Jap. J. Appl. Phys. 27: L209, 1998
Chapter 2, page 6, equation 2	$H_{c2} = \phi_0/4\pi\mu_0\xi^2$	$H_{c2} = \phi_0/2\pi\mu_0\xi^2$
Chapter 2, page 6, line 7	$H_c = \phi_0/4\pi\mu_0\lambda\xi$	$H_c = \phi_0/2\sqrt{2}\pi\mu_0\lambda\xi$
Chapter 2, page 9, Section 2.3, line 6 and 8	Ref. missing	A. K. Jha and K. Matsumoto, Front. Phys. 7:82, 2019
Chapter 2, page 9, Section 2.3, line 11	Ref. missing	A. Crisan, Vortices and Nanostructured Superconductors, 2017, Germany: Springer International Publishing
Chapter 2, page 9, Section 2.3, line 13	B_{c2}	B_c
Chapter 2, page 9, equation 3	$u_p = (B_{c2}(T)/2\mu_0)\,\pi\xi_{GL}^2 d$	$U = (B_c^2/2\mu_0)\,\pi\xi_{GL}^2 d$
Chapter 2, page 10, equation 4	$F_p = \sum f_p = N(a_0 d_p)f_p$	$F_p = \sum f_p = N(d_p/a_0)f_p$
Chapter 2, page 10, equation 5	$J_c = (NB_{c2}/2\mu_0 B)\,\pi\xi_{GL}d$	$J_c = (NB_c^2/2\mu_0 B)\,\pi\xi_{GL}d$
Chapter 2, page 12, Fig. 6	Ref. [54]	G. Blatter, et. al., Rev. Mod. Phys. 66:1125, 1994
Chapter 2, page 13, last paragraph, line 14	Ref. missing	A. Xu, Thesis, 2012
Chapter 2, page 14, second last line	Ref. [16,87]	Ref. [87]
Chapter 3, page 24, Fig. 12	Ref. missing	George F. Harrington and José Santiso, Journal of Electroceramics. 47, 141, 2021
Chapter 3, page 26, Fig. 13	Ref. missing	Earl J. Kirkland, Acta Cryst. A72, 1, 2016
Chapter 3, page 27, Fig. 14	Present Fig. 14	Omit Fig. 14
Chapter 3, page 27, line 11	"square"	"rectangular"
Chapter 4, page 40, line 1	Ref. missing after equation	A. Gauzzi and D. Pavuna, Appl. Phys. Lett. 66: 1836, 1995
Chapter 4, page 44, Section 4.3 and Table of Contents 4.3	4.3 heteromutilayer	4.3 heteromultilayer