

Field Effect Transistors, A comprehensive overview

From basic concepts to novel technologies

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I shall post errata on this page as I come across them. If you find any that is not listed, please email me at pouya@ece.concordia.ca.

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Page 44: On the last line of the 3rd paragraph, “are” should change to “is”.

Page 44: On the second line of the 4th paragraph “single” should be eliminated after “individual”.

Page 46: On the fourth line of the last paragraph “top of the ” should be added before “valence”.

Page 53: On the first line $n \ll p$ should change to $p \ll n$.

Page 58: On line 11, “earlier formalism” should change “earlier presented formalism”.

Page 88: On the third line of the last paragraph, the beginning of the sentence should read “Multiplying the argument inside the parenthesis by 6^2 takes care of the sixfold degeneracy”.

Page 89: In the middle of the page, under 3, on the second line kV/cm should change to V/cm .

Page 92: At the end of the second line an “a” should be added before result.

Page 127: On the 5th line of section 2.2.2 “banding” should change to “bending”.

Page 129: On the first line of the last paragraph “banding” should change to “bending”.

Page 132: On part (a) of Fig. 27, the positive sign before $|V_a|$ should change to negative.

Page 137: In equation (2.25) NK_d should change to KN_d .

Page 141: On the first line after equation (2.37), at the end of the sentence “rather than” should change to “from”.

Page 175: In equations (2.111) and (2.114) $J_p(-x_p)+J_n(x_n)$ should change to $J_p(x_n)+J_n(-x_p)$.

Page 187: In equation (2.148) the right side should be divided by ϵ_s .

Page 191: On the third line of the example 4.5 eV should change to 4.6 eV.

Page 192: On the second line of the second paragraph, “banding” should change to “bending”.

Page 192: On the first line of the last paragraph, “is” after bias should be eliminated.

Page 221: On the bottom of the third paragraph “Section 2.5” should change to “Section 2.5..1.1”.

Page 224: In equation (2.217) $q^2 E_{ox}^2$ should be multiplied by (m_0/m_n^*) where m_n^* is that of the dielectric.

Page 285: In footnote 56 after “see” a space is missing.

Page 370: On the fifth line of the third paragraph at the beginning “for temperatures” should be added before “below”.

Page 382: Units of eV is missing from all equations.

Page 385: On the third line before last of the first paragraph GaInAs/AlInAs has been repeated twice.

Page 389: At the end of the second paragraph of section 5.2.1 “:” should change to “.”.

Page 398: On line 8 of the first paragraph of section 5.2.4.2 “the” should be added before “space”.

Page 399: Under 3, II-V should change to II-VI.

Page 399: On the footnote 41, f of field should be italic.