Chapter 1: Equations in SI Units (\* indicates the equation is the same in CGS and SI)

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Chapter 2: Equations in SI Units (\* indicates the equation is the same in CGS and SI)

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| Assumes linearly permeable medium | (2.47\*) |
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| See Cullity | (2.54\*) |
| See Cullity | (2.55\*) |
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| See Cullity | (2.57\*) |
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Chapter 3: Equations in SI Units (\* indicates the equation is the same in CGS and SI)

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| See Cullity | (3.1) |
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| See Cullity | (3.3) |
| See Cullity | (3.4) |
| See Cullity | (3.5) |
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| See Cullity | (3.22\*) |
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| See Cullity | (3.26\*) |
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| See Cullity | (3.30\*) |
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|  | (3.34\*)Brillouin |
|  | (3.35\*)Langevin |
|  | (3.36\*)spin ½  |
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| See Cullity | (3.44\*) |
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| See Cullity | (3.49\*) |
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| See Cullity | (7.26\*) |
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