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

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|  | (1.16)  *unitless* |
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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 | (2.53\*) |
| See Cullity | (2.54\*) |
| See Cullity | (2.55\*) |
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| See Cullity | (2.57\*) |
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|  | (2.67) |

Chapter 3: Equations in SI Units (\* indicates the equation is the same in CGS and SI)

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| See Cullity | (3.1) |
| See Cullity | (3.2) |
| See Cullity | (3.3) |
| See Cullity | (3.4) |
| See Cullity | (3.5) |
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| See Cullity | (3.14) |
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| See Cullity | (3.21\*) |
| See Cullity | (3.22\*) |
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| See Cullity | (3.24\*) |
| See Cullity | (3.25\*) |
| See Cullity | (3.26\*) |
| See Cullity | (3.27\*) |
| See Cullity | (3.28\*) |
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| See Cullity | (3.30\*) |
|  | (3.31) |
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|  | (3.33) |
|  | (3.34\*)  Brillouin |
|  | (3.35\*)  Langevin |
|  | (3.36\*)  spin ½ |
|  | (3.37) |

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| See Cullity | (3.44\*) |
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| See Cullity | (3.49\*) |
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| See Cullity | (4.1\*) |
| See Cullity | (4.2\*) |
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| See Cullity | (6.7\*) |
| See Cullity | (6.8\*) |
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|  | Note differences |
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| See Cullity | (7.24\*) |
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|  | (7.25\*) |
| See Cullity | (7.26\*) |
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