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# Nano and Quantum Optics: Errata

An introduction to basic principles and theory

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## Chapter 2. Maxwell's Equations in a Nutshell

**Page 30, last paragraph.** The first sentence should start with

The defining equations for  $V$  and  $\mathbf{A}$  are obtained ...

## Chapter 9. Particle Plasmons

**Page 222.** The last equation on the page should read

$$\frac{\partial V(\mathbf{s}^\pm)}{\partial n} = \frac{\partial V_{\text{inc}}(\mathbf{s}^\pm)}{\partial n} - \lim_{\eta \rightarrow 0} \oint_{\partial\Omega} \frac{\hat{\mathbf{n}} \cdot (\mathbf{s} \pm \eta \hat{\mathbf{n}} - \mathbf{s}')}{4\pi |\mathbf{s} \pm \eta \hat{\mathbf{n}} - \mathbf{s}'|^3} \sigma(\mathbf{s}') dS'.$$

Note that  $\hat{\mathbf{n}}$  depends on  $\mathbf{s}$  and thus should not be taken out of the integral.