

1. MY SECTION TITLE

Some text.

1.1. My first subsection.

$$p'' + \frac{S'}{S}p' + k^2p = 0 \tag{1.1.1}$$

Let's refer to equations 1.2.1 in subsection1.2.

$$g(x) = \textit{const} \times f(x) \int^x \frac{d\xi}{S(\xi)f^2(\xi)}. \tag{1.1.2}$$

Now I'll force a new page so the hyper-references will bridge a page boundary.

1.2. **My second subsection.** Now some subequations.

$$p' = -Z(x)U \quad (1.2.1a)$$

$$U' = -Y(x)p \quad (1.2.1b)$$

These are related to equation 1.1.1 in subsection 1.1.

$$p' = -j\omega \frac{\rho}{S(x)}U = -jk \frac{\rho c}{S(x)}U \quad (1.2.2a)$$

$$U' = -j\omega \frac{S(x)}{\rho c^2}p = -jk \frac{S(x)}{\rho c}p \quad (1.2.2b)$$