

$$\begin{aligned}
\nu_{m_F \rightarrow m_{F-1}} = & -\frac{g_I \mu_N B}{h} \\
& + \frac{\hbar \Delta \nu_{hfs}}{2} \left( \frac{2x}{2I+1} - \frac{2(2m_F-1)x^2}{(2I+1)^2} + \frac{(-(2I+1)^2+4-12m_F+12m_F^2)x^3}{(2I+1)^3} + \dots \right)
\end{aligned}
\tag{1}$$

## 0.1 section

### 0.1.1 sub

#### 0.1.1.1 sub1

#### 0.1.1.2 sub2

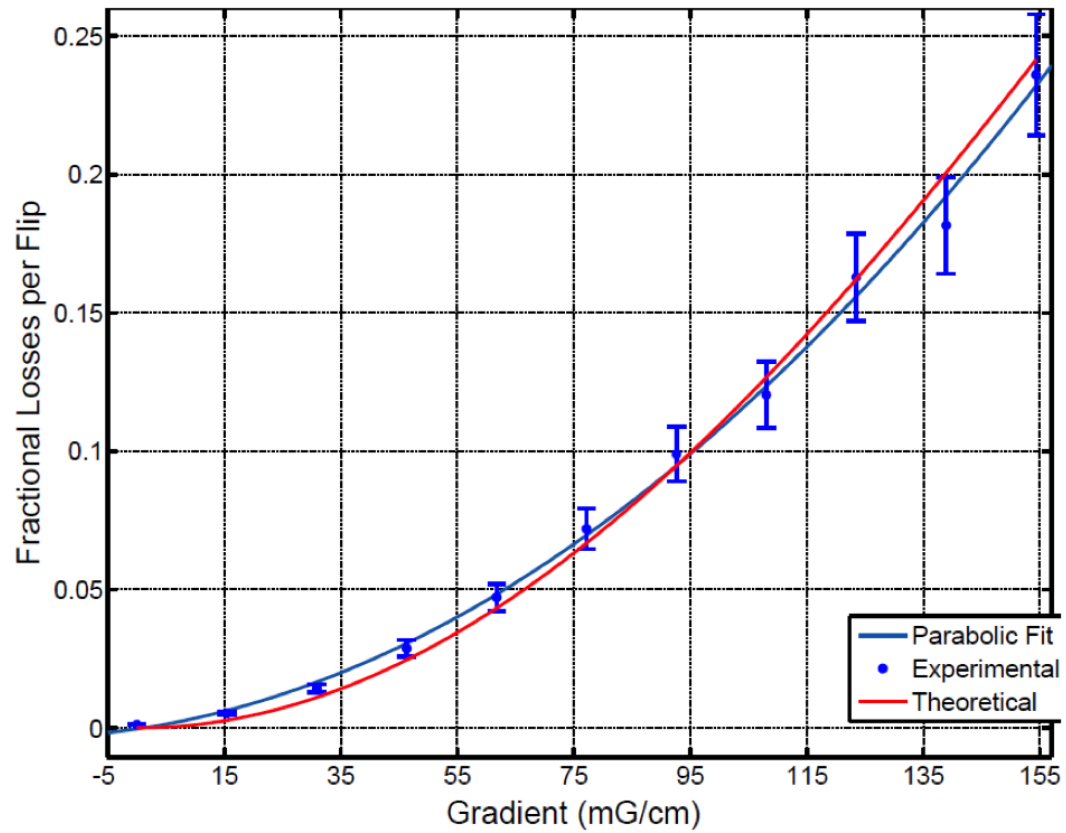


Figure 1: Fractional AFP loss (single flip) as a function of field gradient.

*et al.*  $5P_{\frac{3}{2}} \rightarrow$

# Bibliography

- [1] W. H. Thad G. Walker. Spin-exchange optical pumping of noble-gas nuclei. *RMP Colloquia*.