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February 21, 2020

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1 Section One

- 1. $\text{Text}^{[1]}$.
- 2. Text[1, 2].
- 3. Text.

2 Section Two

Text.

2.1 Paragraph One

Figures.

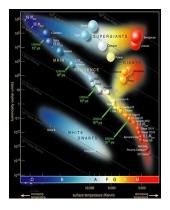


Figure 1: This is Figure 1.

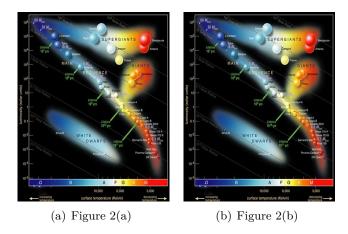


Figure 2: This is Figure 2.

2.2 Paragraph Two

Equations.

$$\mathbf{E} = \sum_{l=0}^{\infty} \sum_{m=-l}^{l} \left(E_{lm}^{r}(r) \mathbf{Y}_{lm} + E_{lm}^{(1)}(r) \mathbf{\Psi}_{lm} + E_{lm}^{(2)}(r) \mathbf{\Phi}_{lm} \right)$$
(2.1)

$$\mathbf{Y}_{lm} = Y_{lm}(\phi, \theta) \ \hat{\mathbf{e}}_r \tag{2.2}$$

$$\mathbf{\Psi}_{lm} = r \nabla Y_{lm} = \frac{1}{\sin \theta} \frac{\partial Y_{lm}}{\partial \phi} \hat{\mathbf{e}_{\phi}} + \frac{\partial Y_{lm}}{\partial \theta} \hat{\mathbf{e}_{\theta}}$$

$$\mathbf{\Phi}_{lm} = \overrightarrow{\mathbf{r}} \times \nabla Y_{lm} = \frac{\partial Y_{lm}}{\partial \theta} \hat{\mathbf{e}}_{\phi} - \frac{1}{\sin \theta} \frac{\partial Y_{lm}}{\partial \phi} \hat{\mathbf{e}}_{\theta}$$
 (2.3)

2.3 Paragraph Three

Tables.

Table 1: This is table 1.

	X	Y	Z
particle	2	$\frac{3}{4}$	$\frac{1}{2}$
ion	1	$\frac{1}{4}$	0
electron	1	$\frac{2}{4}$	$\frac{1}{2}$

References

- [1] Zheng L, Wang S, Tian L, et al., ApJ, 2015: 1741-1750.
- [2] Arandjelov R, Zisserman A, IEEE, 2012: 2911-2918.