

## Homework From My Teacher

The Name of The Course This HW Belong To—Offering: SU57

Ezalor | 875012378123

---

### 1. MAXWELL EQUATIONS

Here is example of referencing equation: Eq. 1.a is part of Eq. 1.

$$\oiint_{\partial V} \vec{E} \cdot d\vec{A} = \frac{1}{\epsilon_0} Q_{\text{enc}} \quad (1.a)$$

$$\oiint_{\partial V} \vec{B} \cdot d\vec{A} = 0$$
$$\oint_{\partial S} \vec{E} \cdot d\vec{l} = -\frac{\partial \Phi_B}{\partial t} \quad (1.b)$$

$$\oint_{\partial S} \vec{B} \cdot d\vec{l} = \mu_0 I + \mu_0 \epsilon_0 \frac{\partial \Phi_E}{\partial t} \quad (1.c)$$

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleam animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleam animo, cum corpore dolemus, fieri. This is from physica typst package:

$$\Gamma^k_{ij}, \langle a|\varphi|b\rangle, \begin{pmatrix} 1 & * \\ * & 1 \end{pmatrix} \neq \begin{vmatrix} \frac{\partial^2}{\partial x^2} & \frac{\partial^2}{\partial x \partial y} & \frac{\partial^2}{\partial x \partial z} \\ \frac{\partial^2}{\partial y \partial x} & \frac{\partial^2}{\partial y^2} & \frac{\partial^2}{\partial y \partial z} \\ \frac{\partial^2}{\partial z \partial x} & \frac{\partial^2}{\partial z \partial y} & \frac{\partial^2}{\partial z^2} \end{vmatrix}$$

Equation without label, will not have numbering.

#### 1.1. Subsection Showing Random Text

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleam animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleam animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguique possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defenza et.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequaleam animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut.

2. EXAMPLE TABLE

Take a look at this simple, yet powerfull Table 1

Table 1: To keep this template simple, let use the default table

Date	°No	Description
24/01/03	813	Filtered participant pool
24/01/03	477	Transitioned to sec. regimen
24/01/11	051	Cycled treatment substrate

REFERENCES

[1] L. Ding, “Seeking missing pieces in science concept assessments: Reevaluating the Brief Electricity and Magnetism Assessment through Rasch analysis,” *Phys. Rev. Spec. Top. - Phys. Educ. Res.*, vol. 10, no. 1, Feb. 2014.

[2] T. G. Bond, *Applying the Rasch model*. Routledge, 2020.

[3] X. Liu, *Using and developing measurement instruments in science education*, 2nd ed. Covent Garden, UK: Emerald Publishing, 2020.

[4] M. Planinic, L. Ivanjek, and A. Susac, “Rasch model based analysis of the Force Concept Inventory,” *Phys. Rev. Spec. Top. - Phys. Educ. Res.*, vol. 6, no. 1, Mar. 2010.