

Science in Classics

Exercises on Grammar

Series 03

Notation

- Errors are blue.
- Correct versions are green.
- Comments are black.
- Highlights are red.

Errors

- For the purpose of the applications, following parameters related to giant magnetoresistance of thin films should be concerned:

Error 1

- For the purpose of **the** applications, following parameters related to giant magnetoresistance of thin films should be concerned

Should refer to all applications, not specific ones; “the” not needed.

Correction 1

- For the purpose of Δ applications, following parameters related to giant magnetoresistance of thin films should be concerned

Error 2

- For the purpose of applications, Δ following parameters related to giant magnetoresistance of thin films should be concerned

Specific parameters. Missing “the”

Correction 2

- For the purpose of applications, the following parameters related to giant magnetoresistance of thin films should be concerned

Error 3

- For the purpose of applications, the following parameters related to giant magnetoresistance of thin films **should be concerned**

Wrong use of “concerned”

Look up dictionary

Correction 3

- For the purpose of applications, the following parameters related to giant magnetoresistance of thin films are relevant

Corrections

- For the purpose of Δ applications, the following parameters related to giant magnetoresistance of thin films are relevant

Errors

- The interface roughness and interdiffusion have a very big influence to magnetoresistance.

Error 1

- The interface roughness and interdiffusion have a very big influence to magnetoresistance.
influence on

Correction 1

- The interface roughness and interdiffusion have a very big influence on magnetoresistance.

Error 2

- The interface roughness and interdiffusion have a very **big** influence on magnetoresistance.

Better to say “significant influence” rather than “big influence”

Correction 2

- The interface roughness and interdiffusion have a very significant influence on magnetoresistance.

Corrections

- The interface roughness and interdiffusion have a very significant influence on magnetoresistance.

Errors

- The force can exert by both electric and magnetic field.

Error 1

- The force can exert by both electric and magnetic field.

Wrong use of “exert”

Comment

I **exert** a force.

The force **is exerted** by me.

Correction 1

- The force can be exerted by both electric and magnetic field.

Error 2

- The force can be exerted by both Δ electric and Δ magnetic field.

Non-specific singular noun should carry article **a/an**

Correction 2

- The force can be exerted by both **an** electric and **a** magnetic field.
- The force can be exerted by both **an** electric **field** and **a** magnetic field.

Corrections

- The force can be exerted by both an electric field and a magnetic field.

Error

- We consider the force which exerted by the electric field.

Error

- We consider the force which exerted by the electric field.

The force is exerted by ...

Correction

- We consider the force which **is** exerted by the electric field.

Better yet

- We consider the force **which is** exerted by the electric field.

These two words can be omitted.

Correction

- We consider the force (which is) exerted by the electric field.

Errors

- The force is directly proportional to both charge and electric field intensity.

Errors

- The force is directly proportional to both Δ charge and Δ electric field intensity.

Both charge and electric field are specific. Missing articles “the”

Comment

Here “charge” means **the** charge of the particle.

“Electric field” means **the** electric field at the position of the particle.

So they are **specific**.

Corrections

- The force is directly proportional to both **the** charge and **the** electric field intensity.

Error

- The motion of a charge in a magnetic field is found to experience a force.

Error

- The **motion** of a charge in a magnetic field is found to **experience** a force.

Does the **motion** experience a force,

Or the **charge** experience a force?

Correction

- A moving charge in a magnetic field is found to experience a force.

Error

- The two forces are applied at right angle to each other.

Error

- The two forces are applied at right angle to each other.

When two lines are perpendicular, there are 4 right angles at the intersection.

Correction

- The two forces are applied at right angles to each other.

Errors

- A magnetic field is unable to transferring energy to the moving charge.

Error 1

- A magnetic field is unable to transferring energy to the moving charge.

Simple present tense after “to”

Correction 1

- A magnetic field is unable to transfer energy to the moving charge.

Error 2

- A magnetic field is unable to transfer energy to **the** moving charge.

This is a general statement; should not refer to a specific charge.

Correction 2

- A magnetic field is unable to transfer energy to Δ moving charges.

Corrections

- A magnetic field is unable to transfer energy to Δ moving charges.