early Greek times.
electricity

[MTH417] \(\vec{F_{E}}=q\vec{V}\times \vec{B}\)represents the _____ field.
Magnetic

[MTH417] \vec{F_{E}}= q (\vec{E}+\frac{\vec{v}}{\vec{c\times \vec{B}}}) is known as the _____ force
Lorentz

[MTH417] \(\vec{J}= \sigma (\vec{E})\)represents _____ law.
OhmÃ¢â‚¬â„¢s

[MTH417] It is well known that _____ is a form of electromagnetism.
Light

[MTH417] Given \(\vec{E}=-\triangledown V\)then \(\triangledown \) is the _____ differential operator.
Vector

[MTH417] The relationship between stress and strain is the _____ law.
HookeÃ¢â‚¬â„¢s

[MTH417] The basic equations of electromagnetism are the _____ MaxwellÃ¢â‚¬â„¢s equation and the Lorentz force law.
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[MTH417] In \(\vec{F_{E}}=q\vec{E}\), \(\vec{E}\)is the _____ field produced by all the other charges in the universe.
Electric

[MTH417] There are _____ fundamental constitutive relationship to describe the response of a medium to a variety of electromagnetic input.
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