$$F = \gamma \vec{v} \times \vec{B} = \vec{I}' \wedge \vec{v} \times \vec{B} = \vec{I} \wedge \vec{v} \times \vec{B} = \vec{I} \wedge \vec{v} \times \vec{A} = \vec{I} \wedge \vec{A} = \vec{A} = \vec{A} \wedge \vec{A} = \vec{A} + \vec{A} + \vec{A} = \vec{A} + \vec{A} + \vec{A} = \vec{A} + \vec{A} +$$