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Hulya Kadioglu* (hkadio@yildiz.edu.tr), Yildiz Technical University, Department of, Mathematics and Science Education, Esenler, 34220 Istanbul, Turkey. *An Induced Isometry on a Vector Bundle.*

Let $(\mathfrak{E}, \pi, \mathfrak{M}, E)$ be a vector bundle. There exists a specific Riemannian metric $\tilde{\mathfrak{g}}$ on \mathfrak{E} which is induced from a given Riemannian metric \mathfrak{g} on \mathfrak{M} . In this study, we use this special metric and define an isometry on \mathfrak{E} . (Received September 25, 2017)