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 defined as follows suppose E is trivialized over $U \subset B$ with transition functions $g_{\alpha\beta}$ then f^*E is trivialized over $f^{-1}(U) \subset B$
 with transition functions $f^*g_{\alpha\beta}$ $g_{\alpha\beta} \circ f$ the fibre $f^*E|_p = E|_{f(p)}$ example two central methods in cartan s geometry are
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