



for the case of positive kafinite it reguses L is injection exhitional Next, we films on sym bilines form Consider Vertor bundle 2: E >M. Se m. and Consider Vertor bundle 2: = Vactor, -> m. geacton) +> p Det: A positive letime sucion q E (carm) is coller Ricmanian metric. fmk.i) By one-to-one Gresph with bilim form. We con itentify it as inner product on each Ipm: < Xp. Yp > = Jp C Xp, Yp X, Y EX(m) Than in loan that CUY1. 7 is given by gij:= gedidis E ("U) 3 4 j.j) is sym. positive léfinite in) By the argument of pull-back For f: m > N. We lef: (ft) (x)

