21.5.69

Dear Lipman, I get a copy of your nice work on rational nineulavities. fund one comment to the "main mansword overtin" ar p. (iv) of your manuscript: the answer is onte evidently: us, ementially for the reason you indicate yourself. The D'uyled caample would be to Aast with an elliptic curve E over a field k, such that E(h)=0, a town (= princ. hom. opace) Cunan E of order n > 3, and the projection come of the natural projection considering of E of now in (a +h tunckipe

n'>0 s. th. Pic"(C) ≠ Ø, if Br(k) is not zero); tota the lampleting of the local ring at the original fluct come. This example is also an example when A is of town, but ATTET]
is not: the main veason is that the social Ricard schure? Cef SCA 2 X 111 1.19) is of dim so, although P(k)=0. Linevely yours Comments (Points to be verified)

1) order of a torsor divides index (=g.c.d. of degrees of divisors) with equality if Br(h)=0. (eq. columbia).

2) torsory has genus 1, so any divisor of degree ≥3 defines a projective embedding, (arithmetically normal!)

3) for any non-singular senses, the projecting cone is normal, and bed Pic (U) = Pico(C) (U= punctured nbd.) of. Hironaka notes (not quite; cyclic cokernel of order = degree/index). 4) for any torsor, E itself is the Jacobian 19 Cassels survey). Examples for E: (i) Salmon, Rend Lincei, May 1966 1966 (ii) Cassels (iii) Danilov.