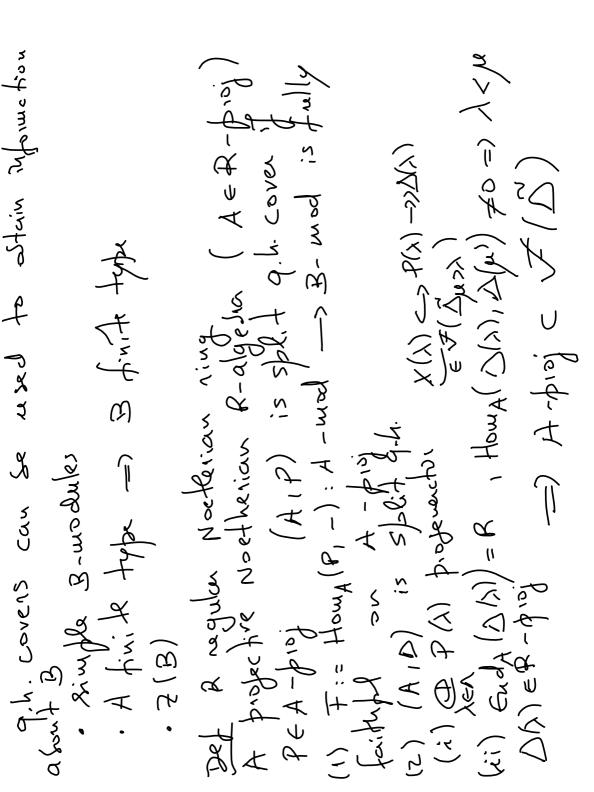
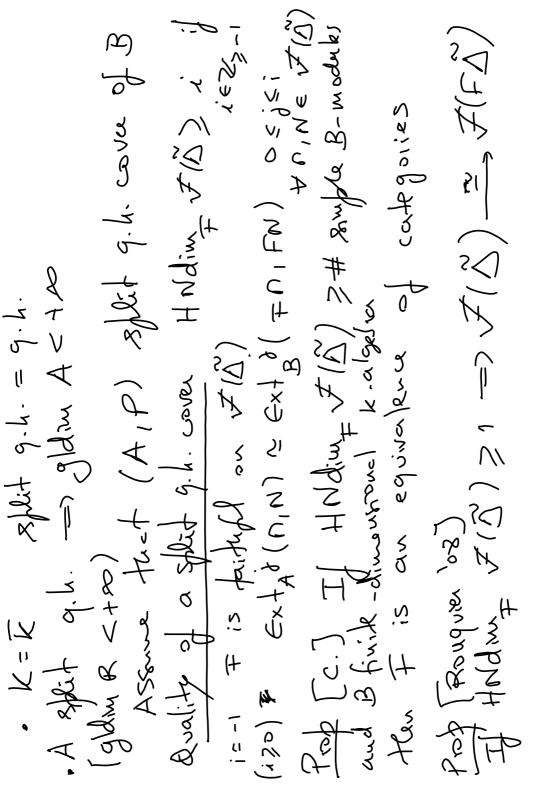
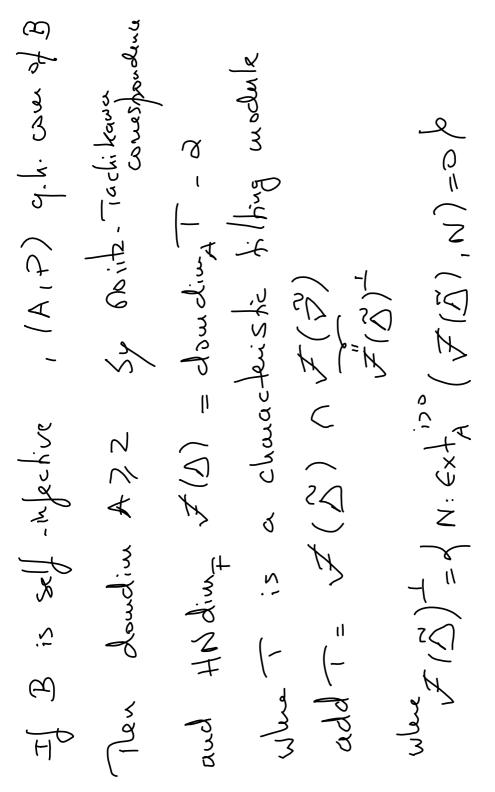
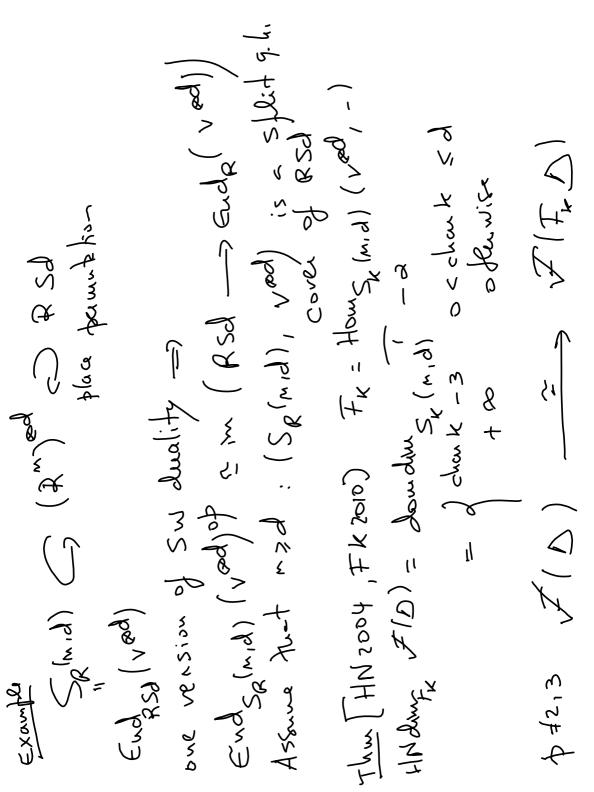
For any finite - dimensional algebra B A = EndB (n) of , n = = BhadiB , more Australia 1917 (A, Hown (n, A)) is a g.h. cover of B Relative dominant dimension and quasi-headifur Trama resed q. l. covers to prove finiteness of . terminology of q.h. covers [Rougier 2008] · q.h. covers can be seen as "resolvhious Quasi-hereditury algelias detamine all finite dimensional algestus Notivation

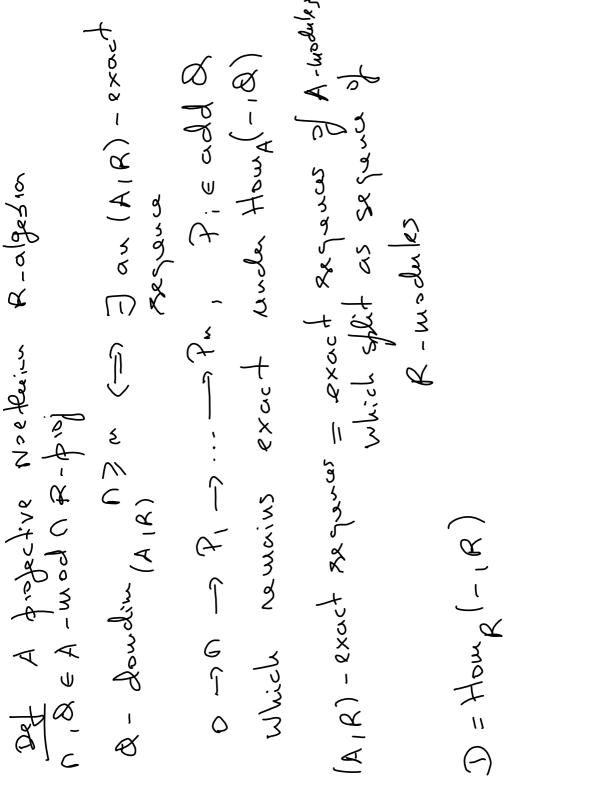




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g. h. Grees
Are belocked
Are hers the







· Here exists an integral version of [C. 2022] te novik - Tachikawa courstondence A-doudin (A,A) P=inf d(w)-doudin M(w) b

No doudin (A,A) = inf me haxspec R where N(w) = R/w & D. Acheed to So all compatibles over finite - dimensional algebres our Oad4 = add & = add Anadd DA doudin (A,R) N:= 7-doudin (A(R) Interesting Cases:

Thus[c.) (A, A) spirt g.h. Qeadd T= F(B)n F(B) Ruk! &-doudin/A,R) & neasures how for Qeodd7
is from Seing a characterish & hiug unclark
Ank & Given a splid g.h. come of a finik-dimensione!
Hilding is completely determined Sy this invarient If Q-codowdim(AIR) = DQ-dowdim Dizms:

Her HNding F(DR) > m-2 1 RA-Eng(T) (RA, Howa (T, (a)) is a split gib. com of Endy (a) of (AIP) = (RA , D) = (RA , Hower (TA , 2))

Joundin (SR(m,d),R) = mf of KEIN: (K+1). 1R & U(R), Kedy Covollary [C.] R local regular riving

Hadim £(\frac{\lambda}{\lambda}) = g dounding(\lambda (\lambda), \rangle, \rangle)

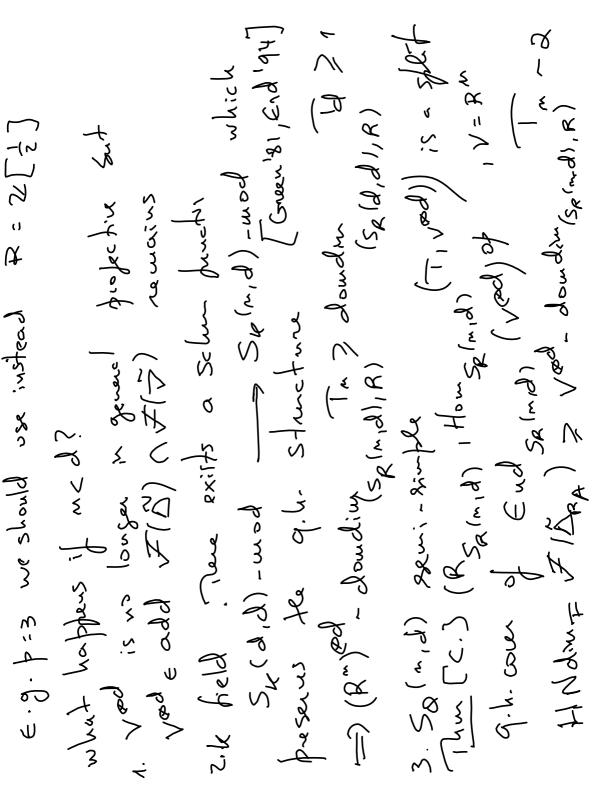
How (\lambda (\lambda d)) = g dounding(\lambda (\lambda), \rangle, \rangle)

How (\lambda d) = g dounding(\lambda d), \rangle, \rangle) 11-1 obewite Toled: Sk(m,d) has a duality

doudin (Sk(m,d),R) = How (T, ved) - doudin D1

(Rs(m,d),R) and Halding FIB) gets completely defermined by the velves Hadin a(R/PRF) (a(R/P)PRD)

Y pespect , a(R/P) qustrut field of R/P doudin(sp(m,d),R) [C.22] By Thunk 1, mgd Example - Part II



. These carpyments also work for 9-5chm algebres · If myd Sk(m,d) is Ringel soft-duel [Don 93] · m=a, this argument provides a split giv.

come by Temberley Less algebres

(the precise rature of Hildrin in the case m=a)

(the precise rature of Hildrin in the case m=a)

on-going work with k. Endmann and this q.h. cover is equivalent & to previous