

, Grunn fl bayler of Vear (X) = H(X, GL, (R)) 3 Teh-Kohonoloji Det E > X real v.b. Et interproduler på E er en abildniss

au v.6 Ex E > 1 (triviel v.b. vaz 1) som indusur en positi

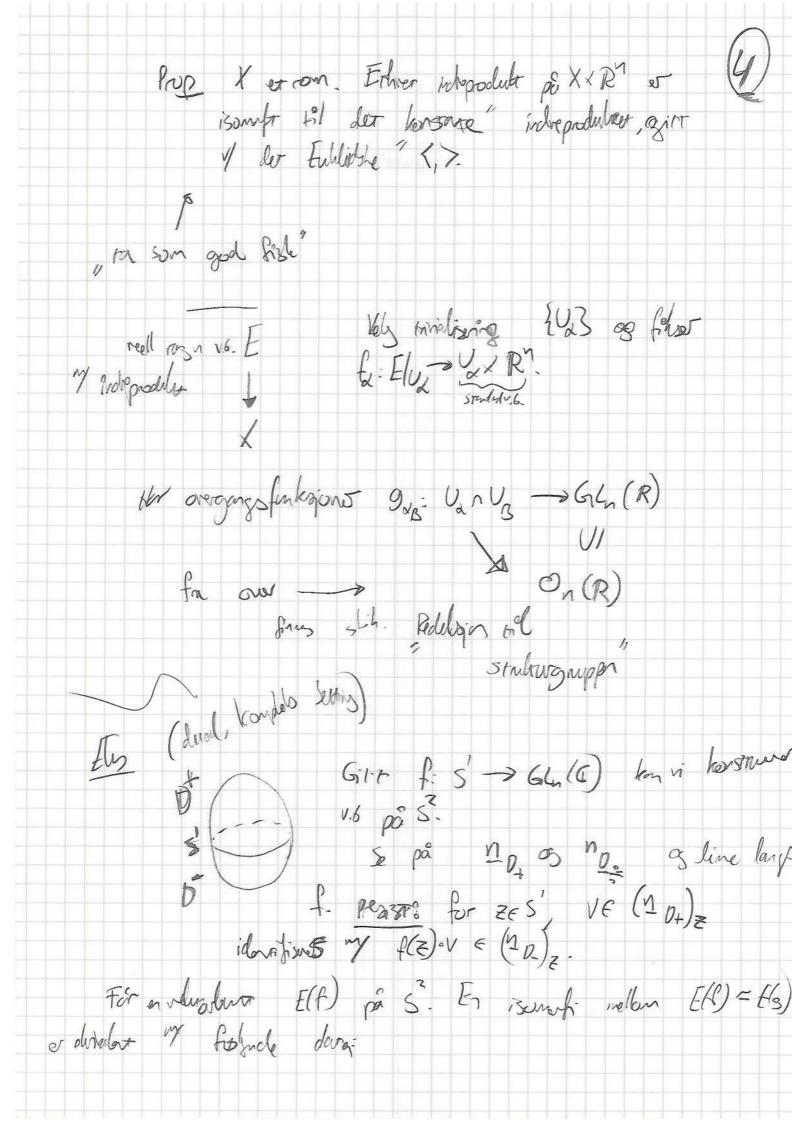
Afrit symmetrish beliveet form på hver bileer Ex.

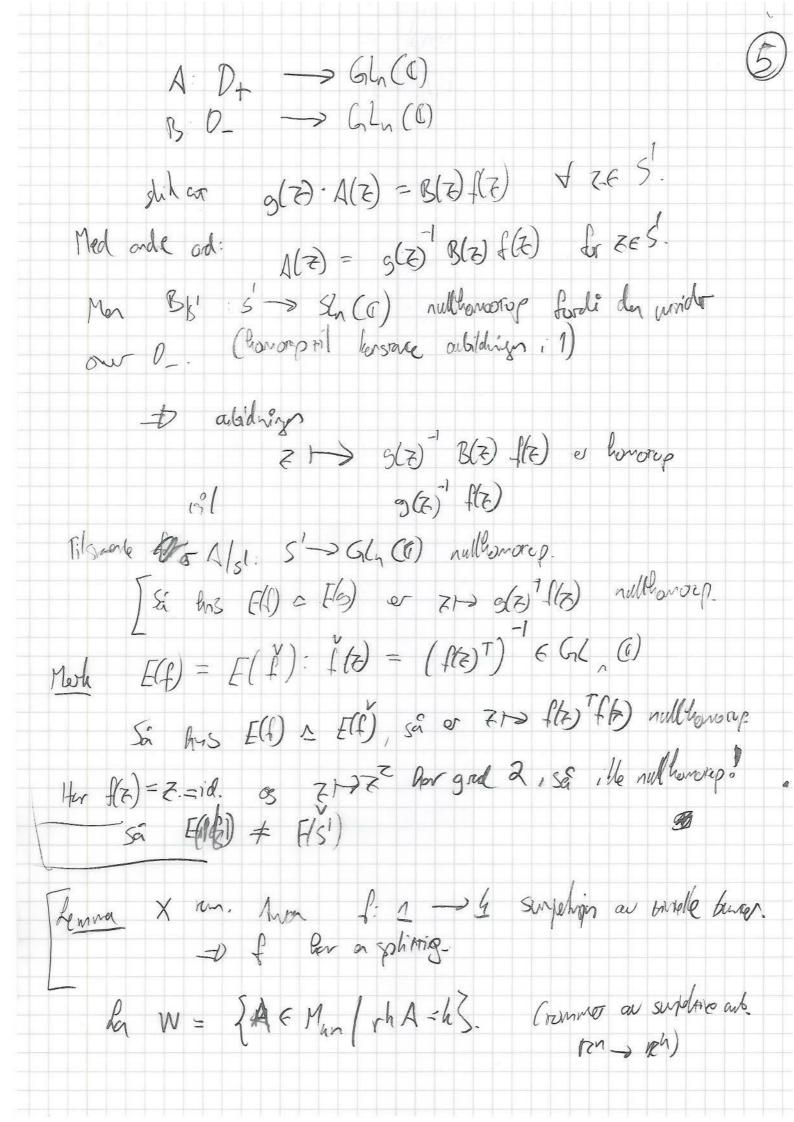
V.bur Wstyr my interprodult halls notogonal". Prof for X pankerpalt + Housdarth. On for alle vibra por X ex relegable. (rilsv. for horplete) Bors Ra PJ voe en aon avidelering hav E er rivell poi hav y Our hw n' tai - E/Va > V x R 2 how her n' jo et

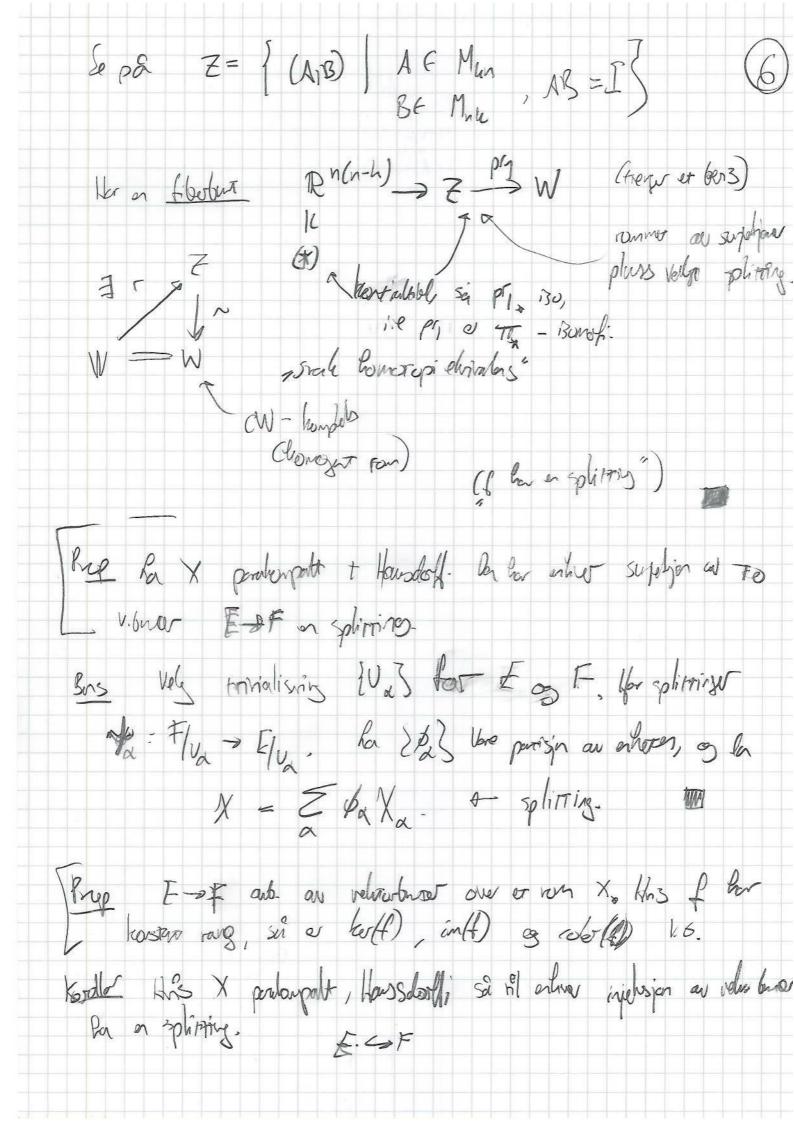
No inherprodukts par flux (,).

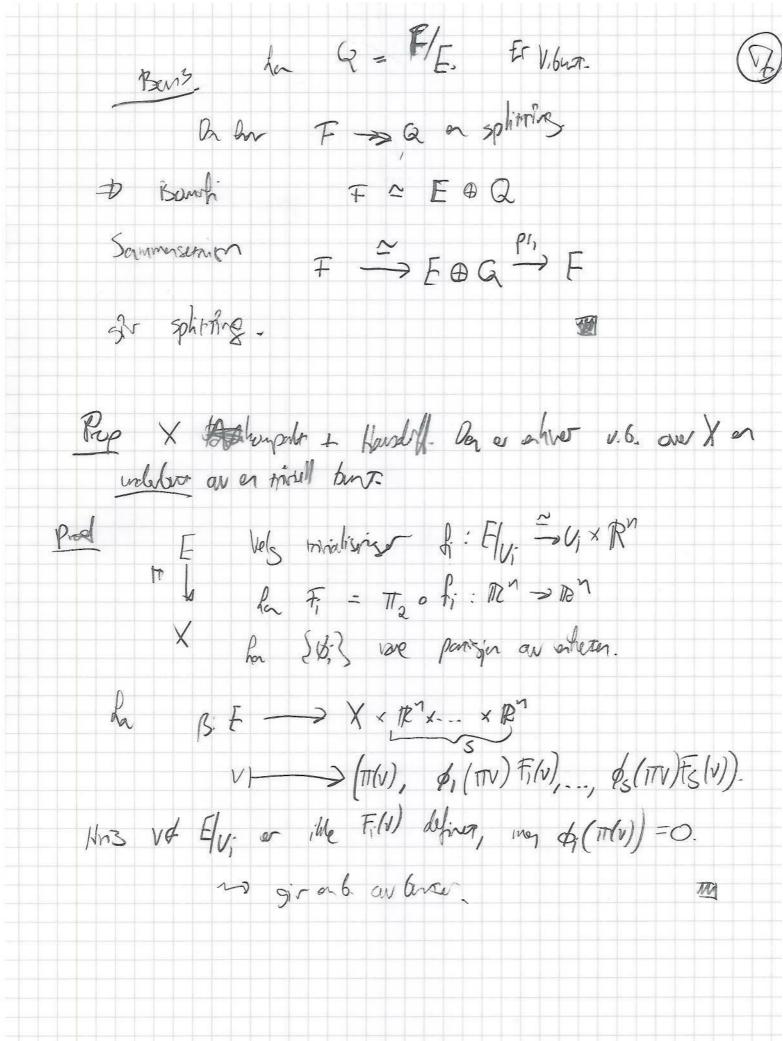
In (phi) vare a prisign au orheren. For 16 X g VIW E EX,

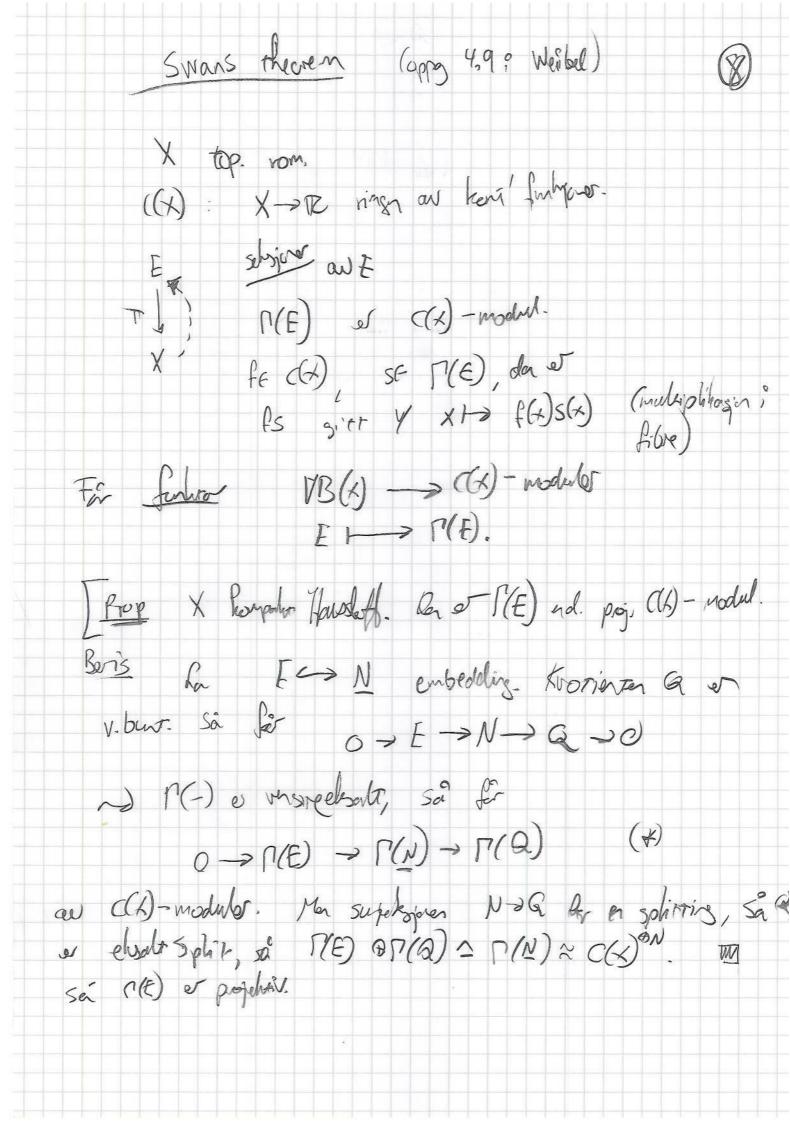
R (VIW) = E & (). (VIW) & ... Keny E-0X reell vour 1. porlampale + Housderff. On e ENEV Boin's E & E -> 1 Fluorise, We degan. symmeth, biliver forms. I & = 50 (For kondoly v. lines E= E,

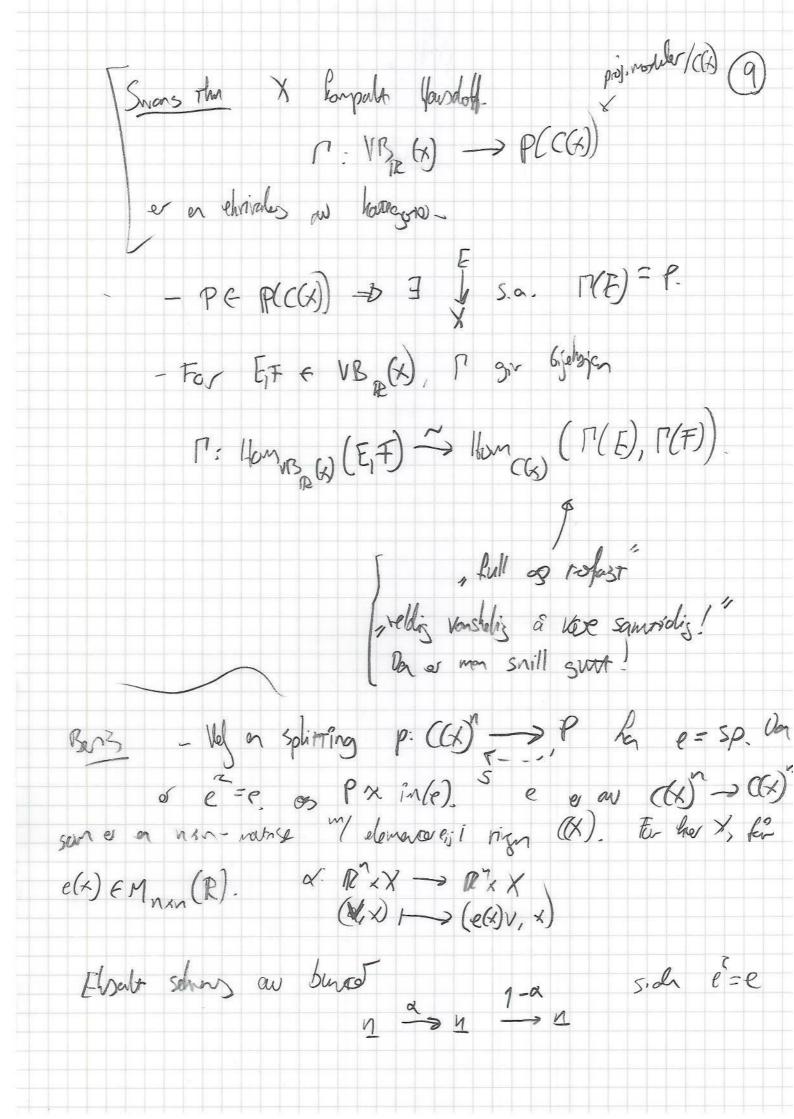


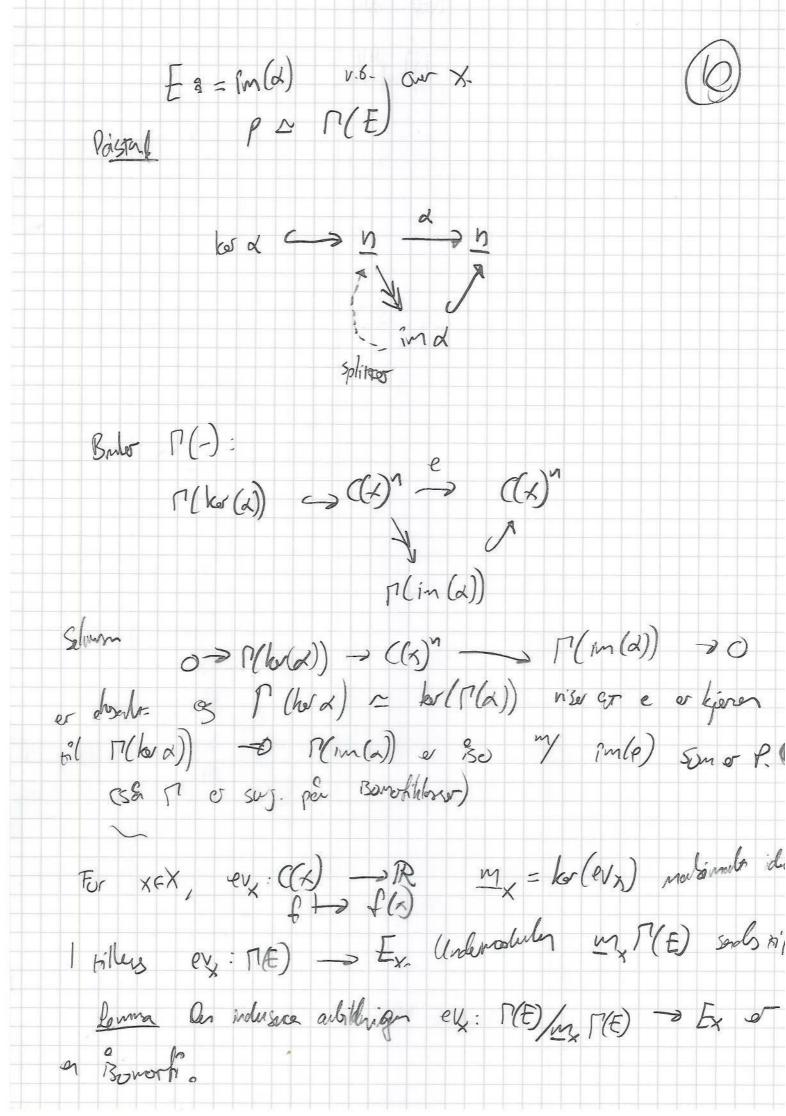












El Briter Folgade: (1) This ser en selezion? E definor i en sign onegn Vau x & F seksjen s'definer på X slih er s og s' er like på en onegn om z. Må bruke Urysohns lemma. Velg fors a drega Von x slih our a finns on least futrijen f: X -> R sa.

fly = 1 og flyv = 0 On of ZI-> (tr) str) definer pa X og gir den suis da V E Ex. E letherte mirel, sei bruh en s s.a. s(x)=V yod (a). Lad (x) hurry s' / x s.a. s'(x)=v. Injelos Ava ST(E) of SC) =0. Vil no at se my M(E). Velo nawheringe schopers {e1..., en} definite pa U. Voel (8) har disse unids in hile X (cm in experse II my on little minute en). Her books of (10) -- en (4) books for Ey. & yxu. Ken slowe $S(y) = q(y)qyt... + q_1(y)e_1(y)$ for anyly begand $q_1(y)$ $q_1 \in C(x)$, $q_2 \in C(x)$, $q_3 \in C(x)$ for beautiful some $q_1(y)$ in $q_1 \in C(x)$. $S(x) = q_1(y)e_1(y)$ $S(x) = q_1(y)e_1(y)$ $S(x) = q_1(y) = q_1(y)$

la na r= 5- \(\frac{1}{1=1} \) a; \(\text{e}_{1} \) \(\text{e}_{1} Uzyshs lemm \Rightarrow vely $b: X \rightarrow \mathbb{R}$ slih ar b(x) = 0 3 b(x) = 7 $(a \ ar \ sly) = b(y) t(y) + \sum_{i=1}^{n} a_i(y) e_i(y)$ = SEMX (F). (like tid, 16'ke Remor") fre M. Hom (E,F) -> Homas (ME), MF) Oh & F.F begge trivials. Brdi: en ab

XXP" -> XXPl er who becomes as in auto. At -> Mexic (R).

Pilor. (X) -> (R) => Mexic (C(X)). Le pá Hom (E,F) \longrightarrow Hom $(\Gamma(E),\Gamma(F))$ Hom (Ex, Fx) form > THom (ME) (ME) (ME)

XEX

Mex injulying of