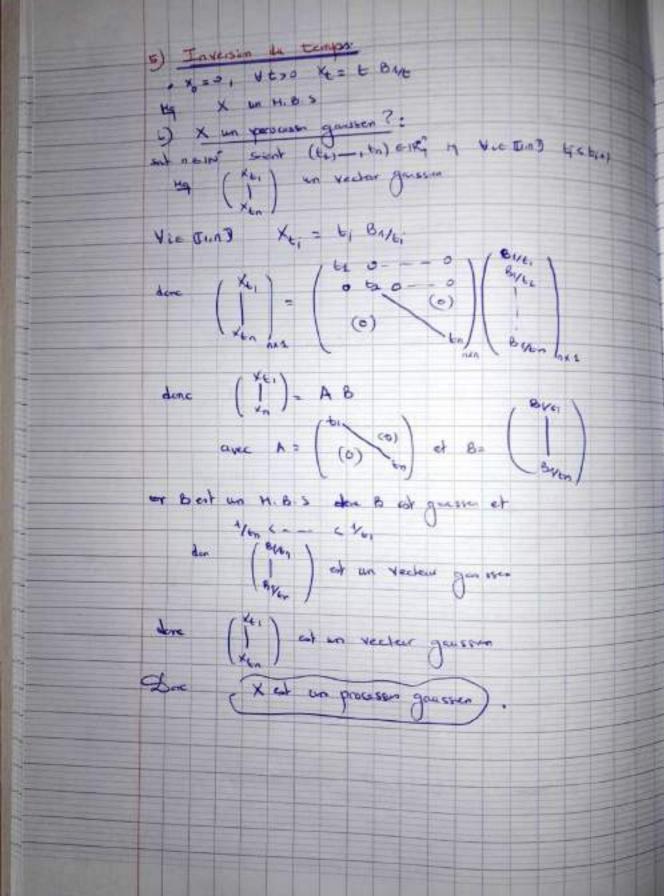
Ficha: Trees 1 1 . Papach du HBS Sit (Be) 500 um H.B.S 1) Spritte de HB! Ma (Meless Me = - & V to at an MBS i) was trajectoire continue our VEZO W = - Be ext (B) 120 Mills i) w = - Bs or Bo = Ops done W = Ops w) # + + + > + 1870 4 sit W-W ~ CV (016-5) sient (6,5) & 127 hy 5 ct W - W = - Be - (-Bs) = - (B+ -Bs) er be- Ps ~ Cr(0, E-1) done - (4 - B) ~ cr(0, (-1)(E-11) ~ cr(0, 63) done W - w ~ creo, t-s) done two (Weltz a accresissements shahiannan spansone in) my W = acconsements independents sol new set to set to cty cty -- ato my (the wei) early sont independents tic [oin] Wein - Wei = - Btin + Bo. or (Bein-Bei) sont each prodons dur (Win-Wti) cont entipendade Due: ((-be) + 70 cd un 4.8.5)

2) Invainte par translation da tempo: 4 to 20 We = Bers -B. HE W= (4) +25 H. B. 5) 4) W & trajectore continue at Wo = B - B = 0 ps w) 4 ret ((,t) = 12) W_ - W_ = Bers - BE - Bres + BE = Bers - Boss ~ Cr(a 6+5-1-5) ~ ((o,t-s) dore w a accessements independent stationary govern ii) sat nein sient baset 4 -- 2ta Win whi = Beins - Beins + Betens - Beins done un acconssement de w unte to tres agate ei un acconssement de bleate Erts, times et comme Boot un HBS dence (Cti+1+5 - Bti+5) de ien son) indépendantes done (Win - WEI) OSISAN Sont Enderpendant Am Wa acconsement 19 de pendants Done ((Bets-B) topo et un 11.8.5 }

2) Renversement du tempo : Sut TO IR+ V tE [O,T] W == 07 - 8F-t ME (WE) LEGOT) H.B.S. i) Wa trajector Continue of W = By - By = 0 w) such (st) e(a,T) by set W- W = 87 - 87 + 87 - 5 = BT-t - BT-5 or T-t KT-5 ~ cr(0, T-S-T+t) n ex (0, ++) done W a accressments stationalité goursens in) sut new, to = 0 < to < T Vie To 1-13 Weit - WE : = BY - BY-EIN - OF + BY-EY MELLI - MEL = 61-11 - 91-111 or to be a to the constate a true a state et (Be) Ectory out un M. B. S dire (BT-4-BT-tres) ce Tois-13 5-11 independente dere (Mein - Wei) ie (Tenni) sint indipendents The W a accomment independents Auc (By-By-t) EEFFIT) when M.B.S

4) changenest d'achotte: 20 0 40 V too We - a Bega H9 (H) (30 cot un 48.5 c) Wa crayecter continue at W = c Bo = 0 ps w) steat (st) = 12 1 1 5 xt Wt - Ws = c Beyes - cBuyes or Byes - byes ~ cr(0, \$\frac{1}{62} - \frac{5}{62}) done = (Perce - Perce) ~ cr (o, c+ (= = =)) done W - Ws N cr(o, +++) W & accomments state more gousiness in) soint new, such to a oct -Weitin Ne = c Brings - c Beiges - C Beiges the (Te,n-1) or toke a tiles and tiles a times and a times el B W un H B S done (Bein/ce - Beixer) ed un Mrs. Sont independant done (Win - Wti) is train sint independent dre W à accomssements independants Tore . ((CBERE) + 4 . B. S }



doe VW6 & try XL(w) cot Contro done X is trajecture Continue Some (Xx= = By tos est un ti-B. s Exercise 122 1 Companyon de covergencios 1) sat (xo) no sate a vis Hy V sze 5 18(14/28) 200 = > x 185 0 on suppose que v es > D 10(1x1 > E) ex cov x, r x en 18 ({ we si, x (w) - x (w) } = 1 en: 10 ((west, x(u) -xx(u))) = = 35 (M)X - (W) AX NEIN Y OC3E (H) (W) - X(W) 25 X PS X SE IP ({ WER, 3 879 UNEIN, 3 13N | X (4)-X (4) 26) SW IP (2) - NEIN DON (WEN, [x_(w)-x(w)] > 8 } Si VE >0 IP (NEW DON (WER, 1410)-X(0) >ET

40 15 x () YESO IP (() JWER, /x(1)-x(1)>E3)=0 41810 An = {we so, |xn(u) | > E } Kn nn 0 () HE DO IP (NO 02N An) = 0 . (x) at comme (An) no at une sute d'élements donc Alaps Lemme Borel-Combelli ma IP (Im sup An) = 0 or him sup An = N=0 N2N den one IP (No Dan An) => on V = >> 18 () \ Jwe &, 1x10) 1> = } done Bapes da cameterante (x) ons (X P.3

2) (Xn) no in dependents to vous Xn v exp(eggins) the Xn ip 0 en proba X 1P 0 (V 57) 1P((xn) > 6) Sal EDO IP(14/28) = 1 - IP(14/88) = 1- IP(-88456) = 1 - [IP(x, s E) - IP (x, s - E)] =1 - Fxn(s) + Fxn(-s) or X, ~ exp(sy(0)) Fx,(x) = { 0 51 x < 0 } 1 - e | 0 51 x < 0 } IP(1x, 1>E) = 1 - (1 - e - 10) (1) E) = e (a) E Inc | 10(1/1/2) = 1 = 0 dene (x a ves o en probabilité × 1P(1x121) = = 1-5(-) x1 (Dapes de colent des 8:1) = e loger) - e log(%) = 10 dence [18(|4n| >1) = +

Treated 24 : Comprehend topschool de 200 sat (Beleso HAS ug Re = Image (Brow- Be) 11 care = & (But u sk) HINEN No BATE-BY B est M.B.s done B a acconsuments independent done thusia Bu of B- Bother independents done that Britk - Bre ast independent a ser tomber edge done them Britt - BE II cole done per passage in sa simile linear Box II col (Re est independent che). sort a= limsup Bo * MA RX = R SH FKEIN One Roz Bark-Bk & Bark-Bk + Ba- Ba 2 But - BO T 40

or Both - Bo ~ Cr(o, K) car & m. R. 5) due Brite - Br est independent de n done 1 image Brisk - on = 0 Limsup Britk - by - 1 insup (Both - Bon By You - handy to du Rx = Limey Bo done (PK = R) # One VREIN Rx est independent & Cdx et Comme VECON R-RE done | HEEIN R ast independent à adre