



ii) We interpret the function of by recomposing X = X'+X'+X'. three inly+ process. X = at. X = 5 Bt Xi is jung process with jump. Letermint by levy majore V. Fir 2- Ein : 12 - 12 - 12 + Sixt Ce -1 - 1+11x11 LV. Seix positive Semiletinite. V is Bore 1 on 1/2. Vess) = 0 St. / 11×112 / Lucx) < 00. Conversely, if such (\(\Sib, V) exists. The 3 arraph. Levy process. ir/ Arry Trylor exparsion on (*) is just for the integrability WRenall the charac. of infinite Kivisible r.v. rud thuir ch.fi. 7 tet. Hill. r.v. T. 7 Eug process Xt. St. X, = Y

1 CX.5). 11×11/21/20 = 0. p(20,t) x 1/21/ This Hivy groces has cilled prohitication This High circles light process is a semiment. Pf. By Lk Krampoze. We see it Lattobe + Y. Are Jung process Y is Samima Rob: 7h e 7h also heles When Kropping sent in cre Cons. me X2 nlso kes exampose: bt t pt t It as in page iv)

We can define pre-Poisson proess No R fuk: from Lavy process. St. Pt-Ps ~ Poich(x-1) AM mility it as the of BM But mite that its value space is Z. 50 ve afine: Prisson grans is pre-lvisson pross with endlag sample parth. emm. Crillag path f(t) has most bruntable infinite jamp. 7: Prove: 4 En. n+1). f most finite jumps. St. 12/12 E Otherwise. Ic Snx1. Snbsig of jany1. St. Inc 75. Sut the E (SAK, SAK+1). ISAKH-tKI 5mall emyh. 52. 1 fetz) - fesage) => / fetks - fc SAKHI) > = sut for outralistien!