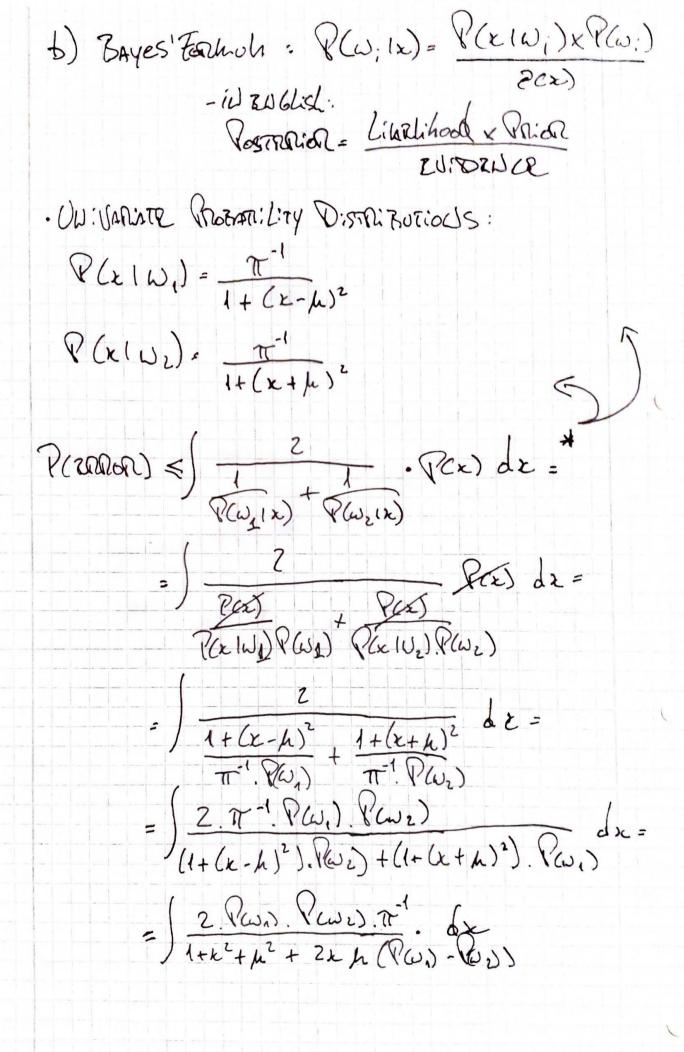
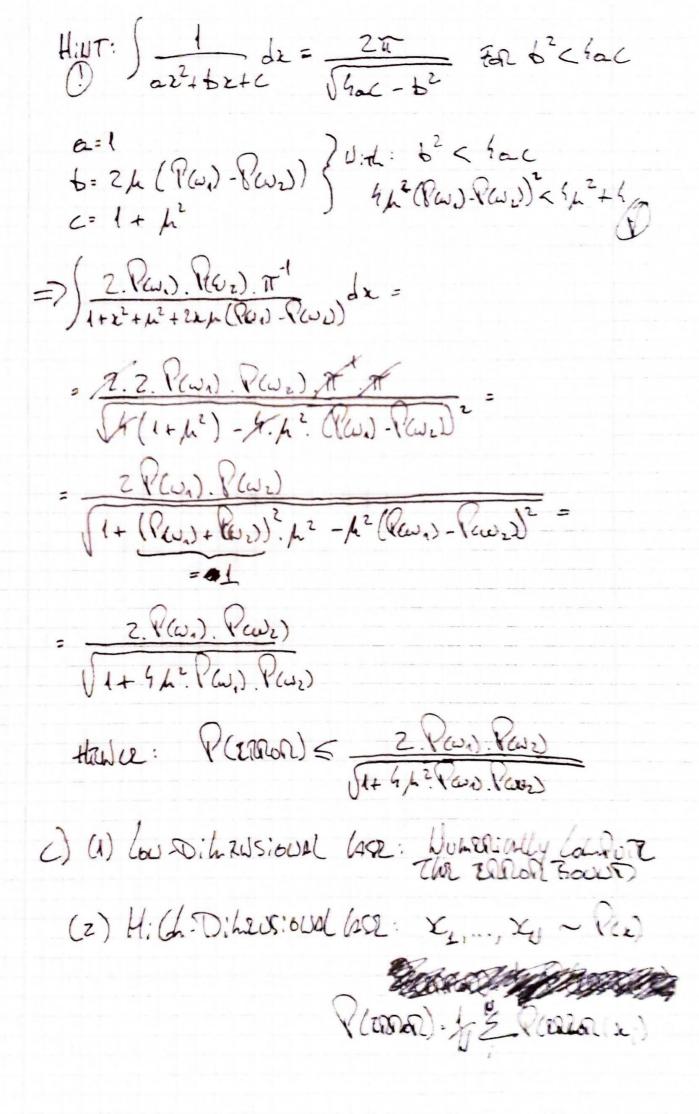
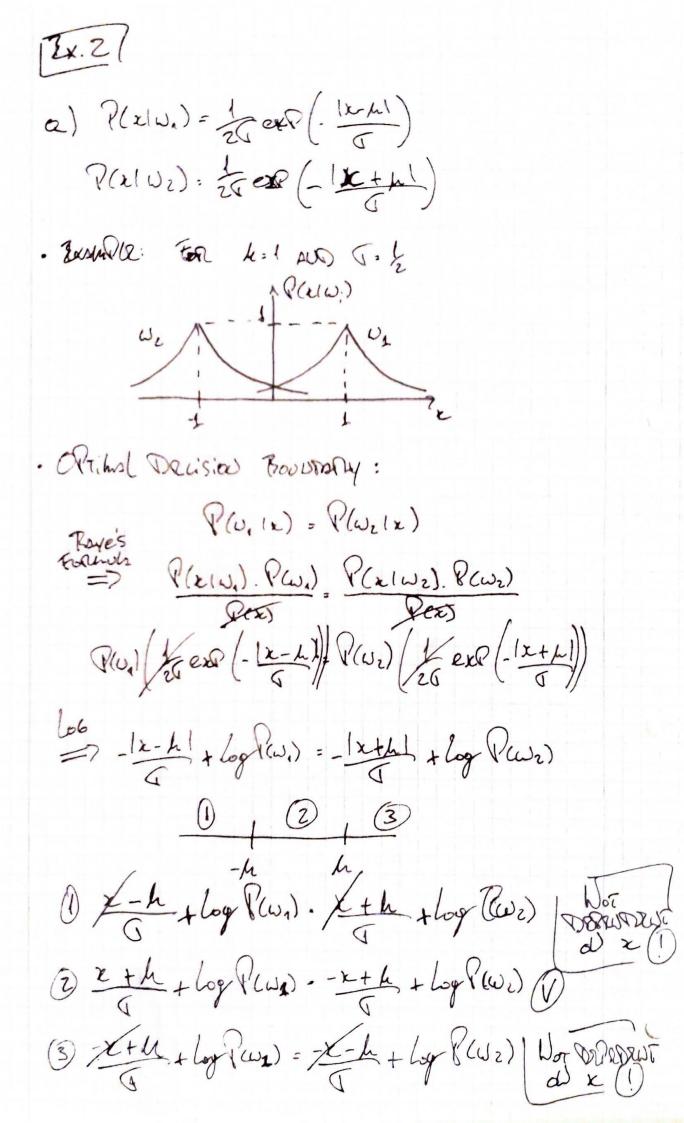
· Exacise Show (I) a) Plannar) = Plannar, x) dx = = JP(zaraliz) P(z) dz P(W: 12) Pleanon 12) = min (Plus), Plus HARMOUIC MIAN OF CLASS ROSTIZIONS: 2. P(W,12). P(WZ12) P(W,12) + P(WZ12) PCRROCALX) = MIN (PGLIX), PGULIX))

< Z. P(W, IX). P(WZ.X) = P(W, IX) + P(Wz IX) = P(Wz IX) + P(Wz IX) = P(Wz IX) PW,(2) + PLW,(2) HOWCE: Premon) <) = 2 (2) dx







For ZUTERUN (2): X+k + hog (we) - - X+k + log (we) 2x- 2x = Log (P(UZ))

2 = Log (P(UZ)) 2456. ly 12. b) for summand O. ZZE (log Por 3: -2h & G. log Pwi c) Tasmile: For (1. th g(2): (2-1) - Ly (w. 9 (2) = (2+1) + log (2) g (2) > g (2) (..) = 2hx 75 by Vu
