Thursday, October 12, 2017 1:24 AM

- 1 Let (SI, F, P) be the probability space Prove that any pair of events in f are independent iff their probabilities are either 0 or 1.
- 2) IX, Y are r.v.: Y and X are independent Show that X, Y are not necessarily independent
- 3 Prove that v.v. X is in dependent of itself iff it is a Const with probability 1