Lecture 5 - scribbles

Tuesday, September 19, 2017 14:37

aside on proofs; cessemptions vie logical , conclusion like A=>B branke of thm: XIIX => p(zly) = p(x) 47,4 $\times \parallel \times$ (assumption) by definition => (*) p(x,y) = p(x)p(y) $\forall x, y$ by definition => (*) p(x,y) = p(x)p(y)Suppose p(x|y) = p(x,y) = p(x)p(y) = p(x) $y = h_1 p(y|x)$ p(y|y) = p(x)p(y) = p(x) $y = h_1 p(y|x)$ p(y|y) = p(x)p(y) = p(x) f(y) = p(x)p(y) = p(x)p(y) = p(x)p(y) f(y) = p(x)p(y) f(y)today: Statistical docision theory (frequentist) statistical decision theory unknown dramhution which models the "world" Ermal setup: · random obsensation D~ D (perhaps pe) · action space fl · loss: L(D, a) = loss of this action a 2 describes the

L(G, S(D))

Teaching Page 5