Liu problem

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り, 開集合になる.

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	vercise 1. Determine the sheaf associated to the presheaf A_X of Example 2.4. Such a sheaf is called instant sheaf. Show that A_X is a sheaf if and only if every non-empty open subset of X is connected.	l a
E x <i>X</i> .	vercise 2. Let \mathcal{F} be a sheaf on X . Let $s, t \in \mathcal{F}(X)$. Show that the set of $x \in X$ such that $s_x = t_x$ is open	in
	oof . germ の定義から $s_x=t_x$ となる場合,ある開集合 U_x が存在し, $\rho_{U_x}(s)=\rho_{U_x}(t)$ となる.こ,任意の $y\in U_x$ に対し, $s_y=t_y$ となる.そのため,the set of $x\in X$ such that $s_x=t_x$ は $\cup_x U_x$ と	