日 Suppose (P, 5) is a prooder and ACBCP Multiple meets or joins may exist. Mut and joins may not (vist that have must Thin: of other, 14, equivalent in the context) meet: greatest: lower bound (infimum) certain elements of a pre-ordered set a stand equal but in this context one can be used instract p=q,i., p=q and q=p (a and a may not be John: least upper bound (supremum) Me discuss two such elements join and meet due to some special characters zation. This can hoo joins or miles p and of much we say that an ilement pep is a meet of A It let (P, 1) be pre order and let ACP be a subset be elther religitive or absolute a 1 b and meet of subset A is denoted p by ment of two element a and b & P is demonded by torall at A a such mat q ca, (at A) we have like this: p = VA for all a & A, we have p & a Par de to fat A + q such that a < q, + a & A we have p < q p= VA for any subset A , p id (join) is denoted VA EVB AB < AA p is a join of A It: use have a 2 p STO SUDS(15

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