## REGULAR PARTIAL LINEAR SPACES ADMITTING IDENTIFYING CODES

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A characterization of k-regular partial linear spaces admitting a  $(1, \leq k)$ identifying code is given. As the incidence graph of a k-regular partial linear space is a k-regular bipartite graph of girth at least six, we derive a characterization of such a graphs admitting a  $(1, \leq k)$ -identifying code. We describe a family of k-regular partial linear spaces on  $2(k-1)^2 + k$  points and  $2(k-1)^2 + k$  lines which do not admit a  $(1, \leq k)$ -identifying code; and finally it is shown that the smallest (k; 6)-graphs (known up to now), where k-1 is not a prime power, admit a  $(1, \leq k)$ -identifying code.