1039-51-143 **Reiko Shinjo*** (`reiko@suou.waseda.jp`), OCAMI, 3-138, Sugimoto 3-chome, Sumiyoshi-ku, Osaka, Japan. *Spatial graph diagrams realizing prescribed subdiagrams partitions.*

Suppose $D_1, D_2, \ldots, D_n$ are spatial graph diagrams. If a spatial graph G is partitioned into edge disjoint spatial graphs $H_1, H_2, \ldots, H_n$ admitting the diagrams $D_1, D_2, \ldots, D_n$, respectively, then there is a diagram of G whose restrictions to $H_1, H_2, \ldots, H_n$ are equivalent to $D_1, D_2, \ldots, D_n$, respectively.

This is a natural extension of the result concerning link diagrams given by J. H. Lee and G. T. Jin. (Received March 12, 2008)