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Takaaki Hoki, Ryo Nikkuni and Kouki Taniyama* (taniyama@waseda.jp), Shimouma
6-13-3, Setagaya-ku, Tokyo, 154 0002, Japan. *Clasp-pass moves on spatial handcuff graphs.*

A clasp-pass move is a local move on knots, links and spatial graphs defined by Habiro. It is closely related to order 2 Vassiliev type invariants. In this talk we give a complete classification of the spatial embeddings of a handcuff graph up to clasp-pass moves by the linking number of the loops, the second coefficients of the Conway polynomials of each loops, and an invariant of spatial embeddings of a handcuff graph first defined by the second author. (Received March 07, 2008)