1077-20-1209   **Sang-hyun Kim*** (`shkim@kaist.edu`), Department of Mathematical Sciences, KAIST, South Korea, and **Thomas Koberda** (`koberda@math.harvard.edu`), Department of Mathematics, Harvard University. *Embeddability between Right-Angled Artin Groups.*

Using mapping class groups, we study the question of which right-angled Artin groups (RAAGs) embed into a given RAAG. In particular, we have a graph theoretical characterization in the case when the given RAAG is two-dimensional. (Received September 18, 2011)