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Ryan Leigon* (cleigo2@lsu.edu), 4243 Burbank, Apt 105, 4243 Burbank, Baton Rouge, LA 70808, and **Federico Salmoiraghi**. *Equivalence of Contact Gluing Maps in Heegaard Floer Homology*.

Contact gluing maps are a powerful tool for studying contact geometry and Heegaard Floer invariants. The first such map was constructed by Honda, Kazez, and Matic. While enjoying useful properties, it is often difficult to explicitly compute. In this project, we show that the Honda-Kazez-Matic map is equivalent to a natural pairing defined by Zarev. This establishes a claim of Zarev, allowing for easier computation of contact gluing maps. This project is joint with Federico Salmoiraghi. (Received January 29, 2019)