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Chandrika Sadanand*, Sadanand@illinois.edu. *Heegaard splittings and square complexes*. Preliminary report.

A construction of Stallings encodes the information of a Heegaard splitting as a continuous map between 2-complexes. We investigate this construction from a more geometric perspective and find that irreducible Heegaard splittings can be encoded as square complexes with certain properties. (Received September 14, 2020)